

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042522\
 Data File : VY008472.D
 Acq On : 25 Apr 2022 11:16
 Operator : KP/MD
 Sample : VY0425SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0425SBS01

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 04/26/2022
 Supervised By :Mahesh Dadoda 04/26/2022

Quant Time: Apr 26 01:53:25 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y042122S.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 21 14:28:40 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.788	168	91896	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	154925	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	149304	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	73104	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	52713	48.751	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	97.500%		
35) Dibromofluoromethane	7.715	113	50678	50.685	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	101.380%		
50) Toluene-d8	10.178	98	183550	46.236	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	92.480%		
62) 4-Bromofluorobenzene	12.483	95	62389	46.339	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	92.680%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.905	85	16533	19.812	ug/l	98
3) Chloromethane	2.113	50	30891	23.524	ug/l	98
4) Vinyl Chloride	2.253	62	40108	23.506	ug/l	100
5) Bromomethane	2.643	94	38045	23.980	ug/l	95
6) Chloroethane	2.789	64	26336	23.200	ug/l	100
7) Trichlorofluoromethane	3.125	101	40075	22.672	ug/l	93
8) Diethyl Ether	3.527	74	12621	20.746	ug/l	71
9) 1,1,2-Trichlorotrifluo...	3.899	101	23827	22.644	ug/l	93
10) Methyl Iodide	4.094	142	22445	17.334	ug/l	89
11) Tert butyl alcohol	4.954	59	12771	102.183	ug/l	97
12) 1,1-Dichloroethene	3.875	96	21532	21.675	ug/l #	79
13) Acrolein	3.728	56	11576	100.556	ug/l	99
14) Allyl chloride	4.484	41	28734	22.161	ug/l #	89
15) Acrylonitrile	5.161	53	31816	102.284	ug/l	97
16) Acetone	3.942	43	23847	94.688	ug/l	90
17) Carbon Disulfide	4.192	76	63751	21.227	ug/l	99
18) Methyl Acetate	4.478	43	14073	19.925	ug/l #	81
19) Methyl tert-butyl Ether	5.216	73	64326	20.465	ug/l	92
20) Methylene Chloride	4.722	84	25992	15.599	ug/l #	78
21) trans-1,2-Dichloroethene	5.222	96	26152	21.582	ug/l #	80
22) Diisopropyl ether	6.112	45	66904	21.367	ug/l #	92
23) Vinyl Acetate	6.057	43	225465	105.027	ug/l #	88
24) 1,1-Dichloroethane	6.014	63	42333	21.720	ug/l	96
25) 2-Butanone	6.984	43	39109	100.375	ug/l #	86
26) 2,2-Dichloropropane	6.984	77	40093	22.210	ug/l	94
27) cis-1,2-Dichloroethene	6.990	96	29567	21.331	ug/l	83
28) Bromochloromethane	7.331	49	14344	18.245	ug/l #	74
29) Tetrahydrofuran	7.343	42	25277	100.724	ug/l #	72
30) Chloroform	7.508	83	45648	21.318	ug/l	97
31) Cyclohexane	7.782	56	38540	21.681	ug/l #	84
32) 1,1,1-Trichloroethane	7.703	97	41489	22.128	ug/l	96
36) 1,1-Dichloropropene	7.917	75	35985	22.626	ug/l	97
37) Ethyl Acetate	7.075	43	18659	21.213	ug/l #	92
38) Carbon Tetrachloride	7.898	117	36925	22.345	ug/l	99
39) Methylcyclohexane	9.185	83	45788	22.485	ug/l #	86
40) Benzene	8.160	78	102627	22.118	ug/l	95

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042522\
 Data File : VY008472.D
 Acq On : 25 Apr 2022 11:16
 Operator : KP/MD
 Sample : VY0425SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0425SBS01

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 04/26/2022
 Supervised By :Mahesh Dadoda 04/26/2022

Quant Time: Apr 26 01:53:25 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y042122S.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 21 14:28:40 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.307	41	7333m	17.191	ug/l	
42) 1,2-Dichloroethane	8.234	62	29991	21.469	ug/l	91
43) Isopropyl Acetate	8.270	43	33932	20.976	ug/l #	87
44) Trichloroethene	8.941	130	28533	22.320	ug/l	100
45) 1,2-Dichloropropane	9.215	63	24668	22.139	ug/l	91
46) Dibromomethane	9.307	93	16212	20.767	ug/l	94
47) Bromodichloromethane	9.495	83	34820	21.012	ug/l	98
48) Methyl methacrylate	9.294	41	14743	21.434	ug/l #	78
49) 1,4-Dioxane	9.294	88	4167	423.308	ug/l #	73
51) 4-Methyl-2-Pentanone	10.069	43	89687	105.392	ug/l #	88
52) Toluene	10.245	92	68160	22.212	ug/l	95
53) t-1,3-Dichloropropene	10.465	75	37741	21.237	ug/l	97
54) cis-1,3-Dichloropropene	9.928	75	41684	21.167	ug/l #	86
55) 1,1,2-Trichloroethane	10.648	97	22135	20.775	ug/l	98
56) Ethyl methacrylate	10.508	69	28273	20.551	ug/l #	78
57) 1,3-Dichloropropane	10.788	76	37063	21.309	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.782	63	73224	97.118	ug/l	93
59) 2-Hexanone	10.831	43	61513	105.041	ug/l	83
60) Dibromochloromethane	10.983	129	26861	21.943	ug/l	98
61) 1,2-Dibromoethane	11.087	107	22738	21.577	ug/l	98
64) Tetrachloroethene	10.721	164	25208	22.767	ug/l	96
65) Chlorobenzene	11.513	112	73383	21.737	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.593	131	26229	21.044	ug/l	94
67) Ethyl Benzene	11.593	91	127886	21.827	ug/l	96
68) m/p-Xylenes	11.702	106	101869	43.407	ug/l	91
69) o-Xylene	12.032	106	48004	21.246	ug/l	93
70) Styrene	12.044	104	79489	20.877	ug/l	95
71) Bromoform	12.208	173	15991	20.472	ug/l #	100
73) Isopropylbenzene	12.330	105	126421	22.809	ug/l	100
74) N-amyl acetate	12.147	43	29574	21.594	ug/l #	82
75) 1,1,2,2-Tetrachloroethane	12.580	83	26447	21.355	ug/l	98
76) 1,2,3-Trichloropropane	12.635	75	20398m	21.560	ug/l	
77) Bromobenzene	12.611	156	29434	21.774	ug/l	94
78) n-propylbenzene	12.672	91	153104	23.029	ug/l	99
79) 2-Chlorotoluene	12.757	91	84168	22.494	ug/l	97
80) 1,3,5-Trimethylbenzene	12.812	105	102846	22.354	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.379	75	8561	20.992	ug/l	88
82) 4-Chlorotoluene	12.855	91	87106	22.464	ug/l	98
83) tert-Butylbenzene	13.074	119	90916	22.764	ug/l	93
84) 1,2,4-Trimethylbenzene	13.123	105	102465	22.446	ug/l	97
85) sec-Butylbenzene	13.257	105	138154	22.921	ug/l	100
86) p-Isopropyltoluene	13.373	119	114364	22.656	ug/l	97
87) 1,3-Dichlorobenzene	13.367	146	59034	21.813	ug/l	99
88) 1,4-Dichlorobenzene	13.446	146	58167	21.697	ug/l	99
89) n-Butylbenzene	13.696	91	107944	23.561	ug/l	99
90) Hexachloroethane	13.964	117	21077	23.225	ug/l	81
91) 1,2-Dichlorobenzene	13.739	146	51206	21.279	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.360	75	3862	20.751	ug/l	81
93) 1,2,4-Trichlorobenzene	15.007	180	28985	21.639	ug/l	99
94) Hexachlorobutadiene	15.116	225	15304	23.416	ug/l	98
95) Naphthalene	15.238	128	61256	20.173	ug/l	98
96) 1,2,3-Trichlorobenzene	15.427	180	24999	21.323	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042522\
Data File : VY008472.D
Acq On : 25 Apr 2022 11:16
Operator : KP/MD
Sample : VY0425SBS01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VY0425SBS01

Manual Integrations
APPROVED

Reviewed By :Krupa Patel 04/26/2022
Supervised By :Mahesh Dadoda 04/26/2022

Quant Time: Apr 26 01:53:25 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y042122S.M
Quant Title : SW846 8260
QLast Update : Thu Apr 21 14:28:40 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
----------	------	------	----------	------	-------	----------

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042522\
 Data File : VY008472.D
 Acq On : 25 Apr 2022 11:16
 Operator : KP/MD
 Sample : VY0425SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/soil
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0425SBS01

Quant Time: Apr 26 01:53:25 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y042122S.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 21 14:28:40 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Krupa Patel 04/26/2022
 Supervised By :Mahesh Dadoda 04/26/2022

