

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042622\
 Data File : VY008496.D
 Acq On : 26 Apr 2022 12:06
 Operator : KP/MD
 Sample : VY0426SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0426SBS01

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 04/27/2022
 Supervised By :Mahesh Dadoda 04/27/2022

Quant Time: Apr 26 16:28:02 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	7.789	168	100823	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	168075	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	157004	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	78464	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	59355	50.033	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 100.060%			
35) Dibromofluoromethane	7.716	113	57365	52.884	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 105.760%			
50) Toluene-d8	10.179	98	218712	50.569	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 101.140%			
62) 4-Bromofluorobenzene	12.483	95	73061	50.020	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 100.040%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.906	85	17907	19.558	ug/l	100
3) Chloromethane	2.113	50	32347	22.452	ug/l	95
4) Vinyl Chloride	2.253	62	42799	22.862	ug/l	98
5) Bromomethane	2.637	94	39237	22.541	ug/l	99
6) Chloroethane	2.790	64	29213	23.456	ug/l	99
7) Trichlorofluoromethane	3.119	101	42912	22.128	ug/l	95
8) Diethyl Ether	3.527	74	13483	20.201	ug/l	73
9) 1,1,2-Trichlorotrifluo...	3.899	101	25421	22.020	ug/l	93
10) Methyl Iodide	4.088	142	25789	18.073	ug/l	93
11) Tert butyl alcohol	4.948	59	13334	95.932	ug/l	96
12) 1,1-Dichloroethene	3.863	96	22704	20.832	ug/l #	77
13) Acrolein	3.729	56	12226	96.799	ug/l	98
14) Allyl chloride	4.472	41	29740	20.906	ug/l #	87
15) Acrylonitrile	5.161	53	33182	97.231	ug/l	97
16) Acetone	3.942	43	23733	85.891	ug/l #	75
17) Carbon Disulfide	4.192	76	67345	20.438	ug/l	99
18) Methyl Acetate	4.472	43	15076	19.455	ug/l #	80
19) Methyl tert-butyl Ether	5.222	73	66886	19.395	ug/l	91
20) Methylene Chloride	4.716	84	33157	19.283	ug/l #	78
21) trans-1,2-Dichloroethene	5.216	96	27634	20.785	ug/l #	82
22) Diisopropyl ether	6.118	45	69336	20.183	ug/l #	94
23) Vinyl Acetate	6.058	43	230847	98.013	ug/l #	91
24) 1,1-Dichloroethane	6.015	63	44411	20.768	ug/l	98
25) 2-Butanone	6.984	43	40242	94.138	ug/l #	83
26) 2,2-Dichloropropane	6.978	77	40967	20.685	ug/l	93
27) cis-1,2-Dichloroethene	6.984	96	30908	20.324	ug/l	84
28) Bromochloromethane	7.326	49	15792	18.308	ug/l #	75
29) Tetrahydrofuran	7.344	42	27093	98.402	ug/l #	77
30) Chloroform	7.508	83	47924	20.399	ug/l	100
31) Cyclohexane	7.783	56	40769	20.905	ug/l #	83
32) 1,1,1-Trichloroethane	7.697	97	43323	21.060	ug/l	96
36) 1,1-Dichloropropene	7.917	75	37347	21.645	ug/l	97
37) Ethyl Acetate	7.076	43	19125	20.042	ug/l #	95
38) Carbon Tetrachloride	7.899	117	39447	22.004	ug/l	94
39) Methylcyclohexane	9.185	83	47708	21.594	ug/l #	86
40) Benzene	8.155	78	105891	21.036	ug/l	96

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042622\
 Data File : VY008496.D
 Acq On : 26 Apr 2022 12:06
 Operator : KP/MD
 Sample : VY0426SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0426SBS01

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 04/27/2022
 Supervised By :Mahesh Dadoda 04/27/2022

Quant Time: Apr 26 16:28:02 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	9812	21.203	ug/l #	1
42) 1,2-Dichloroethane	8.234	62	31596	20.848	ug/l	92
43) Isopropyl Acetate	8.271	43	35847	20.426	ug/l #	88
44) Trichloroethene	8.935	130	29672	21.395	ug/l	97
45) 1,2-Dichloropropane	9.215	63	25997	21.506	ug/l	98
46) Dibromomethane	9.307	93	16999	20.072	ug/l	94
47) Bromodichloromethane	9.496	83	37604	20.917	ug/l	97
48) Methyl methacrylate	9.289	41	15230	20.410	ug/l #	78
49) 1,4-Dioxane	9.295	88	4118	385.601	ug/l #	83
51) 4-Methyl-2-Pentanone	10.069	43	93938	101.751	ug/l #	87
52) Toluene	10.246	92	70290	21.114	ug/l	96
53) t-1,3-Dichloropropene	10.465	75	38397	19.916	ug/l	99
54) cis-1,3-Dichloropropene	9.929	75	42988	20.121	ug/l #	85
55) 1,1,2-Trichloroethane	10.642	97	23005	19.902	ug/l	98
56) Ethyl methacrylate	10.508	69	29057	19.469	ug/l #	79
57) 1,3-Dichloropropane	10.788	76	38070	20.176	ug/l	96
58) 2-Chloroethyl Vinyl ether	9.782	63	74491	91.069	ug/l	92
59) 2-Hexanone	10.831	43	64953	102.237	ug/l	84
60) Dibromochloromethane	10.983	129	26803	20.183	ug/l	98
61) 1,2-Dibromoethane	11.087	107	22863	19.998	ug/l	99
64) Tetrachloroethene	10.721	164	26555	22.808	ug/l	98
65) Chlorobenzene	11.514	112	75897	21.379	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.587	131	27943	21.320	ug/l	97
67) Ethyl Benzene	11.593	91	135879	22.054	ug/l	98
68) m/p-Xylenes	11.703	106	106392	43.111	ug/l	92
69) o-Xylene	12.032	106	50756	21.363	ug/l	90
70) Styrene	12.044	104	83471	20.847	ug/l	95
71) Bromoform	12.209	173	16072	19.567	ug/l #	100
73) Isopropylbenzene	12.331	105	133432	22.429	ug/l	99
74) N-amyl acetate	12.142	43	31856	21.672	ug/l #	85
75) 1,1,2,2-Tetrachloroethane	12.581	83	27119	20.402	ug/l	99
76) 1,2,3-Trichloropropane	12.623	75	17352m	17.088	ug/l	
77) Bromobenzene	12.611	156	31164	21.479	ug/l	92
78) n-propylbenzene	12.672	91	161699	22.660	ug/l	99
79) 2-Chlorotoluene	12.758	91	87424	21.768	ug/l	97
80) 1,3,5-Trimethylbenzene	12.812	105	109462	22.167	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.373	75	8981	20.518	ug/l #	85
82) 4-Chlorotoluene	12.855	91	92411	22.204	ug/l	97
83) tert-Butylbenzene	13.075	119	96627	22.541	ug/l	95
84) 1,2,4-Trimethylbenzene	13.117	105	107501	21.941	ug/l	97
85) sec-Butylbenzene	13.251	105	148383	22.936	ug/l	99
86) p-Isopropyltoluene	13.367	119	122185	22.552	ug/l	97
87) 1,3-Dichlorobenzene	13.367	146	61791	21.273	ug/l	99
88) 1,4-Dichlorobenzene	13.446	146	62412	21.690	ug/l	98
89) n-Butylbenzene	13.696	91	115689	23.526	ug/l	100
90) Hexachloroethane	13.959	117	22416	23.013	ug/l	79
91) 1,2-Dichlorobenzene	13.739	146	54555	21.122	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.355	75	3899	19.519	ug/l	74
93) 1,2,4-Trichlorobenzene	15.007	180	31593	21.975	ug/l	98
94) Hexachlorobutadiene	15.111	225	17101	24.378	ug/l	99
95) Naphthalene	15.239	128	66949	20.541	ug/l	97
96) 1,2,3-Trichlorobenzene	15.422	180	26937	21.406	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042622\
Data File : VY008496.D
Acq On : 26 Apr 2022 12:06
Operator : KP/MD
Sample : VY0426SBSD01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VY0426SBSD01

Manual Integrations
APPROVED

Reviewed By :Krupa Patel 04/27/2022
Supervised By :Mahesh Dadoda 04/27/2022

Quant Time: Apr 26 16:28:02 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

