

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102122\
 Data File : VY011040.D
 Acq On : 21 Oct 2022 11:19
 Operator : KP/MD
 Sample : VY1021SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1021SBS01

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 10/24/2022
 Supervised By :Mahesh Dadoda 10/24/2022

Quant Time: Oct 22 01:21:05 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y101722S.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 18 01:42:42 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	282979	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	449296	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	400803	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	194584	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	117453	45.059	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	90.120%		
35) Dibromofluoromethane	7.716	113	121612	48.492	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	96.980%		
50) Toluene-d8	10.179	98	429009	45.730	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	91.460%		
62) 4-Bromofluorobenzene	12.483	95	157754	47.306	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	94.620%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.906	85	36228	19.301	ug/l	98
3) Chloromethane	2.113	50	52331	19.433	ug/l	95
4) Vinyl Chloride	2.253	62	62814	20.580	ug/l	99
5) Bromomethane	2.644	94	45491	21.549	ug/l	97
6) Chloroethane	2.790	64	43266	21.212	ug/l	98
7) Trichlorofluoromethane	3.125	101	96110	21.513	ug/l	94
8) Diethyl Ether	3.528	74	34017	20.405	ug/l	81
9) 1,1,2-Trichlorotrifluo...	3.899	101	59997	21.410	ug/l	94
10) Methyl Iodide	4.088	142	68717	20.040	ug/l	90
11) Tert butyl alcohol	4.948	59	41347	130.533	ug/l	98
12) 1,1-Dichloroethene	3.875	96	56316	20.979	ug/l	84
13) Acrolein	3.729	56	34473	82.035	ug/l	97
14) Allyl chloride	4.479	41	86750	20.378	ug/l #	90
15) Acrylonitrile	5.161	53	87681	100.899	ug/l	97
16) Acetone	3.948	43	76946	101.651	ug/l #	84
17) Carbon Disulfide	4.192	76	144974	18.422	ug/l	99
18) Methyl Acetate	4.473	43	47435	20.619	ug/l #	90
19) Methyl tert-butyl Ether	5.216	73	157875	21.049	ug/l	97
20) Methylene Chloride	4.710	84	78975	20.172	ug/l #	81
21) trans-1,2-Dichloroethene	5.222	96	62271	20.548	ug/l	90
22) Diisopropyl ether	6.119	45	195616	21.456	ug/l #	92
23) Vinyl Acetate	6.064	43	557271	102.217	ug/l #	92
24) 1,1-Dichloroethane	6.015	63	116331	21.134	ug/l	99
25) 2-Butanone	6.984	43	113768	99.105	ug/l #	83
26) 2,2-Dichloropropane	6.984	77	106354	21.758	ug/l	96
27) cis-1,2-Dichloroethene	6.984	96	74950	21.459	ug/l	89
28) Bromochloromethane	7.332	49	25834	15.832	ug/l	84
29) Tetrahydrofuran	7.350	42	69950	99.041	ug/l #	85
30) Chloroform	7.509	83	119991	21.625	ug/l	99
31) Cyclohexane	7.783	56	99529	19.953	ug/l	86
32) 1,1,1-Trichloroethane	7.704	97	105893	21.711	ug/l	96
36) 1,1-Dichloropropene	7.917	75	89427	21.381	ug/l	99
37) Ethyl Acetate	7.076	43	49111	21.208	ug/l	95
38) Carbon Tetrachloride	7.899	117	94569	21.904	ug/l	98
39) Methylcyclohexane	9.185	83	105554	21.070	ug/l	91
40) Benzene	8.161	78	263141	21.442	ug/l	97

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102122\
 Data File : VY011040.D
 Acq On : 21 Oct 2022 11:19
 Operator : KP/MD
 Sample : VY1021SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1021SBS01

Quant Time: Oct 22 01:21:05 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y101722S.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 18 01:42:42 2022
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 10/24/2022
 Supervised By :Mahesh Dadoda 10/24/2022

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.320	41	24191m	19.278	ug/l	
42) 1,2-Dichloroethane	8.234	62	74313	21.854	ug/l	91
43) Isopropyl Acetate	8.271	43	85849	20.750	ug/l #	89
44) Trichloroethene	8.941	130	71937	21.631	ug/l	97
45) 1,2-Dichloropropane	9.216	63	66591	21.386	ug/l	97
46) Dibromomethane	9.307	93	36913	21.255	ug/l	97
47) Bromodichloromethane	9.496	83	91042	21.754	ug/l	99
48) Methyl methacrylate	9.295	41	38777	20.942	ug/l #	82
49) 1,4-Dioxane	9.295	88	10251	410.829	ug/l #	82
51) 4-Methyl-2-Pentanone	10.069	43	237226	102.813	ug/l	89
52) Toluene	10.246	92	167032	21.909	ug/l	96
53) t-1,3-Dichloropropene	10.465	75	93219	21.441	ug/l	100
54) cis-1,3-Dichloropropene	9.929	75	106831	21.473	ug/l #	84
55) 1,1,2-Trichloroethane	10.642	97	55147	22.012	ug/l	98
56) Ethyl methacrylate	10.508	69	69315	20.831	ug/l #	78
57) 1,3-Dichloropropane	10.788	76	91441	21.228	ug/l	96
58) 2-Chloroethyl Vinyl ether	9.783	63	116699	83.034	ug/l	94
59) 2-Hexanone	10.831	43	161888	102.141	ug/l	84
60) Dibromochloromethane	10.984	129	64195	21.548	ug/l	100
61) 1,2-Dibromoethane	11.087	107	51256	21.364	ug/l	99
64) Tetrachloroethene	10.721	164	68918	22.089	ug/l	98
65) Chlorobenzene	11.514	112	179232	21.781	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.593	131	66870	21.955	ug/l	98
67) Ethyl Benzene	11.593	91	317790	21.830	ug/l	98
68) m/p-Xylenes	11.703	106	246729	44.058	ug/l	94
69) o-Xylene	12.032	106	116985	22.000	ug/l	93
70) Styrene	12.044	104	197220	21.889	ug/l	96
71) Bromoform	12.209	173	39693	21.117	ug/l #	98
73) Isopropylbenzene	12.331	105	316243	22.370	ug/l	99
74) N-amyl acetate	12.142	43	73528	20.500	ug/l #	84
75) 1,1,2,2-Tetrachloroethane	12.581	83	62614	21.104	ug/l	99
76) 1,2,3-Trichloropropane	12.636	75	47115m	21.327	ug/l	
77) Bromobenzene	12.605	156	72706	22.002	ug/l	98
78) n-propylbenzene	12.672	91	380588	22.127	ug/l	99
79) 2-Chlorotoluene	12.758	91	213108	22.000	ug/l	98
80) 1,3,5-Trimethylbenzene	12.812	105	266668	22.608	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.380	75	21528	20.959	ug/l #	85
82) 4-Chlorotoluene	12.855	91	221323	21.945	ug/l	99
83) tert-Butylbenzene	13.075	119	229180	22.469	ug/l	94
84) 1,2,4-Trimethylbenzene	13.117	105	264564	22.746	ug/l	100
85) sec-Butylbenzene	13.251	105	345370	22.533	ug/l	100
86) p-Isopropyltoluene	13.367	119	284434	22.370	ug/l	98
87) 1,3-Dichlorobenzene	13.367	146	143806	21.806	ug/l	99
88) 1,4-Dichlorobenzene	13.447	146	142174	21.682	ug/l	99
89) n-Butylbenzene	13.696	91	265831	22.373	ug/l	98
90) Hexachloroethane	13.959	117	55516	22.124	ug/l	91
91) 1,2-Dichlorobenzene	13.739	146	127035	21.530	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	10035	20.457	ug/l	84
93) 1,2,4-Trichlorobenzene	15.007	180	77517	21.982	ug/l	99
94) Hexachlorobutadiene	15.111	225	47435	22.852	ug/l	98
95) Naphthalene	15.233	128	154054	21.451	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	67117	21.816	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102122\
 Data File : VY011040.D
 Acq On : 21 Oct 2022 11:19
 Operator : KP/MD
 Sample : VY1021SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
ClientSampleId :
 VY1021SBS01

Manual Integrations
APPROVED

Reviewed By :Krupa Patel 10/24/2022
 Supervised By :Mahesh Dadoda 10/24/2022

Quant Time: Oct 22 01:21:05 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y101722S.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 18 01:42:42 2022
 Response via : Initial Calibration

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

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

Manual Integrations APPROVED

Quant Time: Oct 22 01:21:05 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y101722S.M
Quant Title : SW846 8260
QLast Update : Tue Oct 18 01:42:42 2022
Response via : Initial Calibration

