

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY032622\
 Data File : VY008039.D
 Acq On : 26 Mar 2022 12:32
 Operator : SY/MD
 Sample : N1645-02 5.0ppb
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 LOQ-SOIL-02-QT1-2022

Quant Time: Mar 28 09:49:32 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y032522S.M
 Quant Title : SW846 8260
 QLast Update : Mon Mar 28 09:49:08 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 03/28/2022
 Supervised By : Mahesh Dadoda 03/28/2022

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	174111	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	295969	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	259845	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	119303	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	86528	49.534	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	99.060%		
35) Dibromofluoromethane	7.716	113	88864	47.889	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	95.780%		
50) Toluene-d8	10.179	98	338174	48.372	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	96.740%		
62) 4-Bromofluorobenzene	12.483	95	114209	46.304	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	92.600%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.906	85	6792	4.327	ug/l	96
3) Chloromethane	2.113	50	9361	4.898	ug/l	93
4) Vinyl Chloride	2.253	62	12369	4.864	ug/l	94
5) Bromomethane	2.650	94	11622	5.577	ug/l	94
6) Chloroethane	2.796	64	8209	4.907	ug/l	97
7) Trichlorofluoromethane	3.125	101	16031	4.983	ug/l	96
8) Diethyl Ether	3.528	74	5097	4.893	ug/l	77
9) 1,1,2-Trichlorotrifluo...	3.899	101	10106	5.065	ug/l	90
10) Methyl Iodide	4.095	142	8720	4.230	ug/l	88
11) Tert butyl alcohol	4.948	59	4323	23.852	ug/l	96
12) 1,1-Dichloroethene	3.875	96	9363	5.068	ug/l	91
13) Acrolein	3.729	56	3643	24.695	ug/l	98
14) Allyl chloride	4.485	41	12005	4.939	ug/l #	92
15) Acrylonitrile	5.161	53	11752	23.684	ug/l	97
16) Acetone	3.948	43	9704	24.304	ug/l #	85
17) Carbon Disulfide	4.192	76	24746	4.728	ug/l	100
18) Methyl Acetate	4.472	43	9232	6.873	ug/l #	85
19) Methyl tert-butyl Ether	5.228	73	25790	4.913	ug/l	95
20) Methylene Chloride	4.716	84	19037	8.122	ug/l #	76
21) trans-1,2-Dichloroethene	5.216	96	11080	5.180	ug/l #	78
22) Diisopropyl ether	6.119	45	26755	5.117	ug/l #	89
23) Vinyl Acetate	6.058	43	67747	20.909	ug/l #	82
24) 1,1-Dichloroethane	6.015	63	17696	5.112	ug/l	98
25) 2-Butanone	6.990	43	14688	24.173	ug/l #	82
26) 2,2-Dichloropropane	6.984	77	16626	5.071	ug/l	96
27) cis-1,2-Dichloroethene	6.990	96	12286	4.955	ug/l	82
28) Bromochloromethane	7.338	49	6740	6.003	ug/l #	71
29) Tetrahydrofuran	7.350	42	9461	23.950	ug/l #	73
30) Chloroform	7.509	83	18813	5.019	ug/l	95
31) Cyclohexane	7.789	56	18979	5.812	ug/l #	61
32) 1,1,1-Trichloroethane	7.698	97	17494	5.051	ug/l	95
36) 1,1-Dichloropropene	7.917	75	14662	5.030	ug/l	96
37) Ethyl Acetate	7.076	43	6483	4.761	ug/l #	88
38) Carbon Tetrachloride	7.899	117	15243	4.799	ug/l	100
39) Methylcyclohexane	9.185	83	19295	4.904	ug/l	87
40) Benzene	8.161	78	41496	4.977	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY032622\
 Data File : VY008039.D
 Acq On : 26 Mar 2022 12:32
 Operator : SY/MD
 Sample : N1645-02 5.0ppb
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 LOQ-SOIL-02-QT1-2022

Quant Time: Mar 28 09:49:32 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y032522S.M
 Quant Title : SW846 8260
 QLast Update : Mon Mar 28 09:49:08 2022
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By :John Carlone 03/28/2022
 Supervised By :Mahesh Dadoda 03/28/2022

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.320	41	3850	5.631	ug/l #	40
42) 1,2-Dichloroethane	8.234	62	11867	5.074	ug/l	90
43) Isopropyl Acetate	8.271	43	12363	4.625	ug/l #	86
44) Trichloroethene	8.941	130	11759	4.877	ug/l	94
45) 1,2-Dichloropropane	9.216	63	10047	5.113	ug/l	99
46) Dibromomethane	9.307	93	6259	4.844	ug/l	93
47) Bromodichloromethane	9.496	83	14334	4.852	ug/l	94
48) Methyl methacrylate	9.295	41	5563	4.699	ug/l #	82
49) 1,4-Dioxane	9.301	88	1569	91.346	ug/l	90
51) 4-Methyl-2-Pentanone	10.069	43	31886	23.651	ug/l #	86
52) Toluene	10.246	92	27222	4.978	ug/l	97
53) t-1,3-Dichloropropene	10.465	75	14225	4.697	ug/l	99
54) cis-1,3-Dichloropropene	9.929	75	17082	4.983	ug/l #	82
55) 1,1,2-Trichloroethane	10.648	97	8499	4.764	ug/l	89
56) Ethyl methacrylate	10.508	69	10544	4.531	ug/l #	77
57) 1,3-Dichloropropane	10.788	76	13946	4.776	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.783	63	26466	27.447	ug/l #	89
59) 2-Hexanone	10.831	43	21673	22.973	ug/l	83
60) Dibromochloromethane	10.984	129	9863	4.545	ug/l	100
61) 1,2-Dibromoethane	11.087	107	8194	4.611	ug/l	98
64) Tetrachloroethene	10.721	164	10390	5.206	ug/l	94
65) Chlorobenzene	11.514	112	29214	4.986	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.593	131	9699	4.488	ug/l	92
67) Ethyl Benzene	11.593	91	51318	4.997	ug/l	98
68) m/p-Xylenes	11.703	106	39934	9.780	ug/l	97
69) o-Xylene	12.032	106	18926	4.841	ug/l	95
70) Styrene	12.044	104	30937	4.834	ug/l	95
71) Bromoform	12.209	173	5488	4.206	ug/l #	98
73) Isopropylbenzene	12.331	105	51649	5.245	ug/l	100
74) N-amyl acetate	12.142	43	10559	4.878	ug/l #	81
75) 1,1,2,2-Tetrachloroethane	12.587	83	9822	5.132	ug/l	97
76) 1,2,3-Trichloropropane	12.630	75	7497m	5.155	ug/l	
77) Bromobenzene	12.611	156	10799	4.780	ug/l	99
78) n-propylbenzene	12.672	91	62600	5.389	ug/l	99
79) 2-Chlorotoluene	12.758	91	34254	5.316	ug/l	98
80) 1,3,5-Trimethylbenzene	12.812	105	41425	5.135	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.380	75	2702	4.145	ug/l	93
82) 4-Chlorotoluene	12.855	91	35499	5.369	ug/l	100
83) tert-Butylbenzene	13.075	119	36135	5.028	ug/l	97
84) 1,2,4-Trimethylbenzene	13.123	105	41246	5.250	ug/l	99
85) sec-Butylbenzene	13.258	105	56102	5.288	ug/l	99
86) p-Isopropyltoluene	13.373	119	45466	5.150	ug/l	99
87) 1,3-Dichlorobenzene	13.367	146	22494	5.022	ug/l	97
88) 1,4-Dichlorobenzene	13.446	146	22628	5.066	ug/l	94
89) n-Butylbenzene	13.696	91	43351	5.337	ug/l	99
90) Hexachloroethane	13.965	117	8563	5.006	ug/l	78
91) 1,2-Dichlorobenzene	13.745	146	19281	4.889	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.361	75	1414	4.629	ug/l	84
93) 1,2,4-Trichlorobenzene	15.007	180	11287	4.779	ug/l	95
94) Hexachlorobutadiene	15.117	225	6599	5.282	ug/l	97
95) Naphthalene	15.239	128	25020	4.793	ug/l	99
96) 1,2,3-Trichlorobenzene	15.428	180	10056	4.921	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY032622\
Data File : VY008039.D
Acq On : 26 Mar 2022 12:32
Operator : SY/MD
Sample : N1645-02 5.0ppb
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
LOQ-SOIL-02-QT1-2022

Manual Integrations
APPROVED

Reviewed By :John Carlone 03/28/2022
Supervised By :Mahesh Dadoda 03/28/2022

Quant Time: Mar 28 09:49:32 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y032522S.M
Quant Title : SW846 8260
QLast Update : Mon Mar 28 09:49:08 2022
Response via : Initial Calibration

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

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

Instrument :
MSVOA_Y
ClientSampleId :
LOQ-SOIL-02-QT1-2022

Manual Integrations

Reviewed By :John Carlone 03/28/2022
Supervised By :Mahesh Dadoda 03/28/2022

Quant Time: Mar 28 09:49:32 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y032522S.M
Quant Title : SW846 8260
QLast Update : Mon Mar 28 09:49:08 2022
Response via : Initial Calibration

