

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY060520\
 Data File : VY002843.D
 Acq On : 05 Jun 2020 12:42
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 6/8/2020 11:28:03 AM

Quant Time: Jun 06 08:04:53 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y052720S.M
 Quant Title : SW846 8260
 QLast Update : Wed May 27 13:13:33 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	317705	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	472494	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	436158	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	229303	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.14	65	133234	48.30	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.60%	
35) Dibromofluoromethane	7.72	113	139364	50.33	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.66%	
50) Toluene-d8	10.18	98	537325	47.99	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.98%	
62) 4-Bromofluorobenzene	12.48	95	187705	49.06	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.12%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.91	85	98659	45.131	ug/l	96
3) Chloromethane	2.12	50	110297	45.615	ug/l	100
4) Vinyl Chloride	2.26	62	126165	49.365	ug/l	100
5) Bromomethane	2.65	94	86888	45.366	ug/l	96
6) Chloroethane	2.80	64	78370	47.302	ug/l	99
7) Trichlorofluoromethane	3.13	101	216568	47.845	ug/l	99
8) Diethyl Ether	3.54	74	79788	45.143	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.90	101	133756	49.769	ug/l	99
10) Methyl Iodide	4.10	142	184591	49.086	ug/l	99
11) Tert butyl alcohol	4.97	59	69957	235.196	ug/l	99
12) 1,1-Dichloroethene	3.88	96	130626	48.330	ug/l	95
13) Acrolein	3.74	56	83932	259.633	ug/l	100
14) Allyl chloride	4.49	41	193743	49.980	ug/l	99
15) Acrylonitrile	5.18	53	196501	246.439	ug/l	100
16) Acetone	3.96	43	194255	300.310	ug/l	97
17) Carbon Disulfide	4.20	76	367747	45.027	ug/l	99
18) Methyl Acetate	4.49	43	82119	50.606	ug/l	100
19) Methyl tert-butyl Ether	5.23	73	365722	49.015	ug/l	100
20) Methylene Chloride	4.72	84	152459	48.230	ug/l	96
21) trans-1,2-Dichloroethene	5.22	96	146786	48.292	ug/l	99
22) Diisopropyl ether	6.13	45	400871	49.765	ug/l	98
23) Vinyl Acetate	6.07	43	1359018	255.534	ug/l	99
24) 1,1-Dichloroethane	6.02	63	236458	50.180	ug/l	99
25) 2-Butanone	6.99	43	259968	257.959	ug/l	100
26) 2,2-Dichloropropane	6.99	77	218221	48.287	ug/l	100
27) cis-1,2-Dichloroethene	6.99	96	163717	48.115	ug/l	99
28) Bromochloromethane	7.34	49	102776	53.130	ug/l	99
29) Tetrahydrofuran	7.35	42	160237	244.439	ug/l	100
30) Chloroform	7.51	83	246542	49.305	ug/l	99
31) Cyclohexane	7.79	56	213594	45.654	ug/l	99
32) 1,1,1-Trichloroethane	7.71	97	226654	48.643	ug/l	100
36) 1,1-Dichloropropene	7.93	75	188744	47.421	ug/l	99
37) Ethyl Acetate	7.08	43	107507	49.645	ug/l	99
38) Carbon Tetrachloride	7.91	117	211389	47.809	ug/l	99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY060520\
 Data File : VY002843.D
 Acq On : 05 Jun 2020 12:42
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 6/8/2020 11:28:03 AM

Quant Time: Jun 06 08:04:53 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y052720S.M
 Quant Title : SW846 8260
 QLast Update : Wed May 27 13:13:33 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.19	83	248622	47.390	ug/l	99
40) Benzene	8.16	78	564672	48.014	ug/l	99
41) Methacrylonitrile	7.33	41	57665m	49.567	ug/l	
42) 1,2-Dichloroethane	8.24	62	155934	47.311	ug/l	100
43) Isopropyl Acetate	8.28	43	202459	49.336	ug/l	100
44) Trichloroethene	8.94	130	175463	47.233	ug/l	99
45) 1,2-Dichloropropane	9.22	63	138423	49.081	ug/l	99
46) Dibromomethane	9.31	93	80744	48.207	ug/l	99
47) Bromodichloromethane	9.50	83	194680	49.303	ug/l	98
48) Methyl methacrylate	9.30	41	90829	49.030	ug/l	99
49) 1,4-Dioxane	9.30	88	24012	933.654	ug/l	99
51) 4-Methyl-2-Pentanone	10.07	43	541277	249.093	ug/l	100
52) Toluene	10.24	92	371608	48.301	ug/l	99
53) t-1,3-Dichloropropene	10.47	75	212573	49.288	ug/l	100
54) cis-1,3-Dichloropropene	9.93	75	240848	49.283	ug/l	99
55) 1,1,2-Trichloroethane	10.64	97	123223	48.053	ug/l	96
56) Ethyl methacrylate	10.51	69	170690	49.697	ug/l	99
57) 1,3-Dichloropropane	10.79	76	204021	48.373	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.78	63	420357	250.472	ug/l	99
59) 2-Hexanone	10.83	43	388978	252.289	ug/l	99
60) Dibromochloromethane	10.99	129	159022	48.914	ug/l	99
61) 1,2-Dibromoethane	11.09	107	123611	48.867	ug/l	99
64) Tetrachloroethene	10.72	164	179134	45.190	ug/l	99
65) Chlorobenzene	11.52	112	416427	48.306	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.59	131	158628	48.858	ug/l	99
67) Ethyl Benzene	11.60	91	724220	48.459	ug/l	98
68) m/p-Xylenes	11.70	106	560064	96.655	ug/l	100
69) o-Xylene	12.03	106	264975	48.440	ug/l	99
70) Styrene	12.05	104	462387	48.761	ug/l	100
71) Bromoform	12.21	173	108226	49.817	ug/l #	100
73) Isopropylbenzene	12.33	105	724802	49.324	ug/l	99
74) N-amyl acetate	12.14	43	190740	50.589	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.58	83	137244	53.231	ug/l	99
76) 1,2,3-Trichloropropane	12.63	75	106678m	51.631	ug/l	
77) Bromobenzene	12.61	156	185916	48.589	ug/l	100
78) n-propylbenzene	12.67	91	836111	49.258	ug/l	100
79) 2-Chlorotoluene	12.75	91	465798	48.920	ug/l	100
80) 1,3,5-Trimethylbenzene	12.81	105	605737	49.370	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.38	75	56124	51.176	ug/l	98
82) 4-Chlorotoluene	12.86	91	487950	48.913	ug/l	100
83) tert-Butylbenzene	13.08	119	541063	49.437	ug/l	99
84) 1,2,4-Trimethylbenzene	13.12	105	613299	49.712	ug/l	99
85) sec-Butylbenzene	13.25	105	735488	49.149	ug/l	100
86) p-Isopropyltoluene	13.37	119	691086	49.631	ug/l	100
87) 1,3-Dichlorobenzene	13.37	146	357843	49.373	ug/l	100
88) 1,4-Dichlorobenzene	13.45	146	354320	48.870	ug/l	100
89) n-Butylbenzene	13.70	91	629241	49.774	ug/l	100
90) Hexachloroethane	13.96	117	131191	50.327	ug/l	99
91) 1,2-Dichlorobenzene	13.74	146	323913	49.279	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.36	75	24890	50.178	ug/l	97

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY060520\
Data File : VY002843.D
Acq On : 05 Jun 2020 12:42
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.00G/5ML/MSVOA Y/SOIL
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

MMDadoda
6/8/2020 11:28:03 AM

Quant Time: Jun 06 08:04:53 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_Y\METHODS\82Y052720S.M
Quant Title : SW846 8260
QLast Update : Wed May 27 13:13:33 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.01	180	242692	48.985	ug/l	99
94) Hexachlorobutadiene	15.11	225	140733	50.082	ug/l	98
95) Naphthalene	15.23	128	490328	49.360	ug/l	100
96) 1,2,3-Trichlorobenzene	15.42	180	216328	48.896	ug/l	100

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

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY060520\
Data File : VY002843.D
Acq On : 05 Jun 2020 12:42
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.00G/5ML/MSVOA Y/SOIL
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

MMDadoda
6/8/2020 11:28:03 AM

Quant Time: Jun 06 08:04:53 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_Y\METHODS\82Y052720S.M
Quant Title : SW846 8260
QLast Update : Wed May 27 13:13:33 2020
Response via : Initial Calibration

