

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY070820\
 Data File : VY003139.D
 Acq On : 08 Jul 2020 16:38
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 7/9/2020 10:48:56 AM

Quant Time: Jul 09 03:33:51 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y062920S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 30 04:11:35 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	384486	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	547134	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	512308	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	273786	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.14	65	180112	47.17	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.34%	
35) Dibromofluoromethane	7.72	113	185389	54.32	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.64%	
50) Toluene-d8	10.18	98	669465	52.65	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.30%	
62) 4-Bromofluorobenzene	12.48	95	237090	52.97	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.94%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.91	85	128805	44.235	ug/l	97
3) Chloromethane	2.12	50	185651	43.539	ug/l	99
4) Vinyl Chloride	2.26	62	195534	47.012	ug/l	97
5) Bromomethane	2.66	94	151661	53.704	ug/l	99
6) Chloroethane	2.80	64	131271	49.613	ug/l	99
7) Trichlorofluoromethane	3.13	101	291393	49.637	ug/l	97
8) Diethyl Ether	3.54	74	98830	49.107	ug/l	90
9) 1,1,2-Trichlorotrifluoroet	3.91	101	177895	50.751	ug/l	98
10) Methyl Iodide	4.10	142	173934	40.017	ug/l	98
11) Tert butyl alcohol	4.97	59	64297	165.215	ug/l #	92
12) 1,1-Dichloroethene	3.88	96	165272	49.555	ug/l	88
13) Acrolein	3.74	56	77648	222.148	ug/l	99
14) Allyl chloride	4.49	41	243099	41.748	ug/l	96
15) Acrylonitrile	5.18	53	226049	217.939	ug/l	99
16) Acetone	3.96	43	160872	178.620	ug/l	100
17) Carbon Disulfide	4.20	76	482909	45.319	ug/l	100
18) Methyl Acetate	4.49	43	103438	42.629	ug/l	93
19) Methyl tert-butyl Ether	5.22	73	479071	49.279	ug/l	99
20) Methylene Chloride	4.72	84	213653	53.673	ug/l	91
21) trans-1,2-Dichloroethene	5.22	96	188841	50.057	ug/l	91
22) Diisopropyl ether	6.13	45	560922	44.944	ug/l	97
23) Vinyl Acetate	6.07	43	1869177	224.013	ug/l	97
24) 1,1-Dichloroethane	6.03	63	327448	48.030	ug/l	99
25) 2-Butanone	7.00	43	276546	193.299	ug/l	95
26) 2,2-Dichloropropane	6.99	77	290826	46.952	ug/l	99
27) cis-1,2-Dichloroethene	6.99	96	213109	50.365	ug/l	93
28) Bromochloromethane	7.34	49	151279	49.871	ug/l	86
29) Tetrahydrofuran	7.35	42	194542	204.480	ug/l	90
30) Chloroform	7.51	83	338663	50.142	ug/l	100
31) Cyclohexane	7.79	56	281956	41.981	ug/l	94
32) 1,1,1-Trichloroethane	7.71	97	303647	49.253	ug/l	99
36) 1,1-Dichloropropene	7.92	75	262499	49.808	ug/l	98
37) Ethyl Acetate	7.08	43	150318	47.438	ug/l	98
38) Carbon Tetrachloride	7.91	117	277110	50.537	ug/l	97

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY070820\
 Data File : VY003139.D
 Acq On : 08 Jul 2020 16:38
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 7/9/2020 10:48:56 AM

Quant Time: Jul 09 03:33:51 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y062920S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 30 04:11:35 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.19	83	323951	49.577	ug/l	95
40) Benzene	8.16	78	732242	50.750	ug/l	98
41) Methacrylonitrile	7.32	41	69584m	41.109	ug/l	
42) 1,2-Dichloroethane	8.24	62	221720	48.575	ug/l	99
43) Isopropyl Acetate	8.28	43	274091	45.500	ug/l	95
44) Trichloroethene	8.94	130	226945	54.116	ug/l	99
45) 1,2-Dichloropropane	9.22	63	191598	49.358	ug/l	98
46) Dibromomethane	9.31	93	114364	52.750	ug/l	99
47) Bromodichloromethane	9.50	83	274560	51.719	ug/l	100
48) Methyl methacrylate	9.30	41	125961	45.939	ug/l	92
49) 1,4-Dioxane	9.32	88	18737	707.986	ug/l #	73
51) 4-Methyl-2-Pentanone	10.07	43	732986	235.421	ug/l	97
52) Toluene	10.24	92	470064	51.753	ug/l	100
53) t-1,3-Dichloropropene	10.47	75	279440	50.206	ug/l	97
54) cis-1,3-Dichloropropene	9.93	75	321026	50.433	ug/l	95
55) 1,1,2-Trichloroethane	10.64	97	160508	53.277	ug/l	99
56) Ethyl methacrylate	10.51	69	225813	51.780	ug/l	94
57) 1,3-Dichloropropane	10.79	76	270720	51.187	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.78	63	573665	256.485	ug/l	96
59) 2-Hexanone	10.83	43	507015	232.978	ug/l	96
60) Dibromochloromethane	10.99	129	211139	54.764	ug/l	98
61) 1,2-Dibromoethane	11.09	107	159543	53.717	ug/l	100
64) Tetrachloroethene	10.72	164	262935	60.641	ug/l	97
65) Chlorobenzene	11.52	112	523732	51.846	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.59	131	209608	53.147	ug/l	100
67) Ethyl Benzene	11.59	91	942592	51.005	ug/l	99
68) m/p-Xylenes	11.70	106	713641	103.756	ug/l	98
69) o-Xylene	12.03	106	335953	51.833	ug/l	97
70) Styrene	12.04	104	587976	53.101	ug/l	98
71) Bromoform	12.20	173	138467	52.653	ug/l	98
73) Isopropylbenzene	12.33	105	918335	51.252	ug/l	100
74) N-amyl acetate	12.14	43	267200	45.807	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.58	83	179691	49.694	ug/l	100
76) 1,2,3-Trichloropropane	12.63	75	135372m	49.959	ug/l	
77) Bromobenzene	12.61	156	242403	52.763	ug/l	94
78) n-propylbenzene	12.67	91	1093948	50.765	ug/l	99
79) 2-Chlorotoluene	12.75	91	602375	50.080	ug/l	97
80) 1,3,5-Trimethylbenzene	12.81	105	764893	50.871	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.38	75	69219	49.701	ug/l	96
82) 4-Chlorotoluene	12.85	91	635251	50.726	ug/l	98
83) tert-Butylbenzene	13.07	119	673195	50.989	ug/l	99
84) 1,2,4-Trimethylbenzene	13.12	105	776752	51.267	ug/l	98
85) sec-Butylbenzene	13.25	105	936643	51.470	ug/l	100
86) p-Isopropyltoluene	13.37	119	862446	51.146	ug/l	99
87) 1,3-Dichlorobenzene	13.36	146	451010	52.582	ug/l	100
88) 1,4-Dichlorobenzene	13.44	146	441997	52.259	ug/l	99
89) n-Butylbenzene	13.70	91	822729	50.994	ug/l	99
90) Hexachloroethane	13.96	117	164526	49.136	ug/l	96
91) 1,2-Dichlorobenzene	13.74	146	401592	52.185	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.36	75	32488	50.754	ug/l	93

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY070820\
Data File : VY003139.D
Acq On : 08 Jul 2020 16:38
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.00G/5ML/MSVOA Y/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Manual Integrations
APPROVED

MMDadoda
7/9/2020 10:48:56 AM

Quant Time: Jul 09 03:33:51 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y062920S.M
Quant Title : SW846 8260
QLast Update : Tue Jun 30 04:11:35 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.01	180	295294	51.640	ug/l	100
94) Hexachlorobutadiene	15.11	225	179405	49.739	ug/l	97
95) Naphthalene	15.23	128	560369	53.652	ug/l	99
96) 1,2,3-Trichlorobenzene	15.42	180	252398	50.831	ug/l	100

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

