

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY072020\
 Data File : VY003251.D
 Acq On : 20 Jul 2020 22:43
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 7/21/2020 4:58:54 PM

Quant Time: Jul 21 05:50:02 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y071020S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 10 13:18:03 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	322157	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	507146	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	474268	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	254509	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.14	65	160754	59.12	ug/l	0.00
Spiked Amount	50.000		Recovery	=	118.24%	
35) Dibromofluoromethane	7.72	113	145303	49.79	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.58%	
50) Toluene-d8	10.18	98	525724	48.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.90%	
62) 4-Bromofluorobenzene	12.48	95	199188	50.82	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.64%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.90	85	105342	45.622	ug/l	96
3) Chloromethane	2.12	50	169107	52.800	ug/l	99
4) Vinyl Chloride	2.26	62	167575	50.995	ug/l	99
5) Bromomethane	2.65	94	130115	53.308	ug/l	99
6) Chloroethane	2.80	64	110847	51.357	ug/l	99
7) Trichlorofluoromethane	3.13	101	229625	48.931	ug/l	99
8) Diethyl Ether	3.53	74	88917	56.543	ug/l	84
9) 1,1,2-Trichlorotrifluoroet	3.91	101	140668	49.631	ug/l	97
10) Methyl Iodide	4.10	142	130432	42.358	ug/l	95
11) Tert butyl alcohol	4.96	59	89982	306.037	ug/l	97
12) 1,1-Dichloroethene	3.88	96	134458	50.156	ug/l	93
13) Acrolein	3.74	56	64659	253.362	ug/l	95
14) Allyl chloride	4.49	41	247761	62.285	ug/l	95
15) Acrylonitrile	5.18	53	248210	328.583	ug/l	99
16) Acetone	3.95	43	195805	322.382	ug/l	100
17) Carbon Disulfide	4.20	76	415754	50.541	ug/l	99
18) Methyl Acetate	4.49	43	124951	74.078	ug/l	93
19) Methyl tert-butyl Ether	5.23	73	451716	60.128	ug/l	96
20) Methylene Chloride	4.72	84	188625	63.172	ug/l	95
21) trans-1,2-Dichloroethene	5.23	96	161019	53.105	ug/l	90
22) Diisopropyl ether	6.13	45	567250	64.254	ug/l	97
23) Vinyl Acetate	6.07	43	1916618	325.720	ug/l	96
24) 1,1-Dichloroethane	6.02	63	298290	58.321	ug/l	99
25) 2-Butanone	6.99	43	337286	338.218	ug/l	100
26) 2,2-Dichloropropane	6.99	77	237051	51.464	ug/l	99
27) cis-1,2-Dichloroethene	6.99	96	186305	55.807	ug/l	98
28) Bromochloromethane	7.34	49	137186	61.952	ug/l	90
29) Tetrahydrofuran	7.35	42	229005	341.833	ug/l	93
30) Chloroform	7.52	83	302849	57.491	ug/l	99
31) Cyclohexane	7.79	56	250325	50.614	ug/l	96
32) 1,1,1-Trichloroethane	7.71	97	255193	53.812	ug/l	99
36) 1,1-Dichloropropene	7.93	75	221838	48.263	ug/l	99
37) Ethyl Acetate	7.08	43	155310	62.744	ug/l	96
38) Carbon Tetrachloride	7.91	117	231009	48.683	ug/l	97

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY072020\
 Data File : VY003251.D
 Acq On : 20 Jul 2020 22:43
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleID :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 7/21/2020 4:58:54 PM

Quant Time: Jul 21 05:50:02 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y071020S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 10 13:18:03 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.19	83	266228	46.107	ug/l	95
40) Benzene	8.16	78	652979	51.594	ug/l	98
41) Methacrylonitrile	7.32	41	66277m	44.457	ug/l	
42) 1,2-Dichloroethane	8.24	62	213553	54.809	ug/l	99
43) Isopropyl Acetate	8.28	43	289693	60.462	ug/l	97
44) Trichloroethene	8.94	130	182089	46.933	ug/l	97
45) 1,2-Dichloropropane	9.22	63	179635	54.853	ug/l	97
46) Dibromomethane	9.31	93	102492	53.585	ug/l	97
47) Bromodichloromethane	9.50	83	245403	53.945	ug/l	100
48) Methyl methacrylate	9.30	41	131490	61.387	ug/l	95
49) 1,4-Dioxane	9.30	88	25970	1069.803	ug/l	90
51) 4-Methyl-2-Pentanone	10.07	43	776987	311.997	ug/l	97
52) Toluene	10.24	92	410346	50.727	ug/l	99
53) t-1,3-Dichloropropene	10.47	75	255668	54.245	ug/l	98
54) cis-1,3-Dichloropropene	9.93	75	290558	53.504	ug/l	98
55) 1,1,2-Trichloroethane	10.64	97	146940	54.214	ug/l	99
56) Ethyl methacrylate	10.51	69	212386	57.637	ug/l	94
57) 1,3-Dichloropropane	10.79	76	256748	55.868	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.78	63	531580	282.863	ug/l	96
59) 2-Hexanone	10.83	43	546403	314.303	ug/l	96
60) Dibromochloromethane	10.99	129	182446	53.519	ug/l	99
61) 1,2-Dibromoethane	11.09	107	140630	52.571	ug/l	99
64) Tetrachloroethene	10.72	164	187389	44.313	ug/l	98
65) Chlorobenzene	11.52	112	456799	49.997	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.59	131	184266	51.927	ug/l	99
67) Ethyl Benzene	11.59	91	826959	50.693	ug/l	97
68) m/p-Xylenes	11.70	106	609016	98.392	ug/l	96
69) o-Xylene	12.03	106	293125	50.691	ug/l	97
70) Styrene	12.04	104	514198	51.981	ug/l	98
71) Bromoform	12.20	173	123853	53.178	ug/l	100
73) Isopropylbenzene	12.33	105	792770	48.879	ug/l	99
74) N-amyl acetate	12.14	43	272299	59.835	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.58	83	177192	56.566	ug/l	100
76) 1,2,3-Trichloropropane	12.63	75	124469m	55.250	ug/l	
77) Bromobenzene	12.61	156	209309	50.628	ug/l	97
78) n-propylbenzene	12.67	91	948725	49.624	ug/l	99
79) 2-Chlorotoluene	12.75	91	539320	50.561	ug/l	100
80) 1,3,5-Trimethylbenzene	12.81	105	674813	49.920	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.38	75	63046	54.464	ug/l	96
82) 4-Chlorotoluene	12.85	91	566576	50.889	ug/l	99
83) tert-Butylbenzene	13.07	119	580070	48.632	ug/l	97
84) 1,2,4-Trimethylbenzene	13.12	105	696553	51.213	ug/l	99
85) sec-Butylbenzene	13.25	105	806975	49.224	ug/l	100
86) p-Isopropyltoluene	13.37	119	759272	49.603	ug/l	99
87) 1,3-Dichlorobenzene	13.36	146	394423	50.450	ug/l	99
88) 1,4-Dichlorobenzene	13.44	146	385989	49.867	ug/l	99
89) n-Butylbenzene	13.69	91	705825	49.022	ug/l	99
90) Hexachloroethane	13.96	117	147285	52.836	ug/l	98
91) 1,2-Dichlorobenzene	13.74	146	352628	51.396	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.36	75	27958	55.052	ug/l	96

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY072020\
Data File : VY003251.D
Acq On : 20 Jul 2020 22:43
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.00G/5ML/MSVOA Y/SOIL
ALS Vial : 25 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Manual Integrations
APPROVED

MMDadoda
7/21/2020 4:58:54 PM

Quant Time: Jul 21 05:50:02 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_Y\METHODS\82Y071020S.M
Quant Title : SW846 8260
QLast Update : Fri Jul 10 13:18:03 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.00	180	244457	50.084	ug/l	99
94) Hexachlorobutadiene	15.11	225	160416	47.965	ug/l	100
95) Naphthalene	15.23	128	433677	53.763	ug/l	100
96) 1,2,3-Trichlorobenzene	15.42	180	197901	51.292	ug/l	99

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

