

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY052720\
 Data File : VY002779.D
 Acq On : 27 May 2020 21:16
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 5/28/2020 2:08:51 PM

Quant Time: May 28 06:29:32 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	288733	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	445496	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	420575	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	223624	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.14	65	135695	54.13	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.26%	
35) Dibromofluoromethane	7.72	113	135606	51.94	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.88%	
50) Toluene-d8	10.18	98	531907	50.39	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.78%	
62) 4-Bromofluorobenzene	12.48	95	186388	51.67	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.34%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.90	85	92419	46.518	ug/l	94
3) Chloromethane	2.11	50	109792	49.962	ug/l	98
4) Vinyl Chloride	2.25	62	116093	49.982	ug/l	99
5) Bromomethane	2.65	94	89470	51.402	ug/l	99
6) Chloroethane	2.80	64	74045	49.176	ug/l	96
7) Trichlorofluoromethane	3.13	101	191135	46.463	ug/l	98
8) Diethyl Ether	3.54	74	79659	49.592	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.91	101	119483	48.919	ug/l	99
10) Methyl Iodide	4.10	142	154582	45.231	ug/l	100
11) Tert butyl alcohol	4.97	59	73763	275.032	ug/l	99
12) 1,1-Dichloroethene	3.88	96	119674	48.721	ug/l	99
13) Acrolein	3.74	56	69004	234.873	ug/l	99
14) Allyl chloride	4.49	41	179761	51.027	ug/l	100
15) Acrylonitrile	5.17	53	196739	271.496	ug/l	98
16) Acetone	3.96	43	141907	241.395	ug/l	97
17) Carbon Disulfide	4.20	76	359287	48.405	ug/l	99
18) Methyl Acetate	4.49	43	84344	57.321	ug/l	100
19) Methyl tert-butyl Ether	5.23	73	358296	52.838	ug/l	98
20) Methylene Chloride	4.72	84	149307	51.972	ug/l	98
21) trans-1,2-Dichloroethene	5.23	96	137170	49.657	ug/l	98
22) Diisopropyl ether	6.13	45	387914	52.988	ug/l	96
23) Vinyl Acetate	6.07	43	1330841	275.345	ug/l	98
24) 1,1-Dichloroethane	6.02	63	222136	51.871	ug/l	99
25) 2-Butanone	6.99	43	247622	270.363	ug/l	98
26) 2,2-Dichloropropane	6.99	77	180071	43.843	ug/l	99
27) cis-1,2-Dichloroethene	6.99	96	156456	50.594	ug/l	99
28) Bromochloromethane	7.34	49	95786	54.485	ug/l	98
29) Tetrahydrofuran	7.35	42	166212	278.996	ug/l	99
30) Chloroform	7.52	83	234790	51.667	ug/l	96
31) Cyclohexane	7.79	56	196658	46.252	ug/l	98
32) 1,1,1-Trichloroethane	7.71	97	206877	48.854	ug/l	99
36) 1,1-Dichloropropene	7.92	75	175339	46.723	ug/l	99
37) Ethyl Acetate	7.08	43	107437	52.619	ug/l	100
38) Carbon Tetrachloride	7.91	117	192461	46.166	ug/l	98

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY052720\
 Data File : VY002779.D
 Acq On : 27 May 2020 21:16
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleID :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 5/28/2020 2:08:51 PM

Quant Time: May 28 06:29:32 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	227655	46.024	ug/l	99
40) Benzene	8.16	78	539679	48.670	ug/l	99
41) Methacrylonitrile	7.32	41	56740m	51.728	ug/l	
42) 1,2-Dichloroethane	8.24	62	153702	49.460	ug/l	100
43) Isopropyl Acetate	8.28	43	204043	52.735	ug/l	99
44) Trichloroethene	8.94	130	167914	47.940	ug/l	96
45) 1,2-Dichloropropane	9.22	63	132973	50.005	ug/l	100
46) Dibromomethane	9.31	93	79592	50.399	ug/l	100
47) Bromodichloromethane	9.50	83	188429	50.612	ug/l	99
48) Methyl methacrylate	9.30	41	93584	53.579	ug/l	99
49) 1,4-Dioxane	9.30	88	25234	1040.629	ug/l	99
51) 4-Methyl-2-Pentanone	10.07	43	553129	269.973	ug/l	99
52) Toluene	10.24	92	350154	48.271	ug/l	100
53) t-1,3-Dichloropropene	10.47	75	201809	49.628	ug/l	98
54) cis-1,3-Dichloropropene	9.93	75	226818	49.225	ug/l	99
55) 1,1,2-Trichloroethane	10.64	97	120092	49.671	ug/l	96
56) Ethyl methacrylate	10.51	69	170829	52.751	ug/l	99
57) 1,3-Dichloropropane	10.79	76	201599	50.695	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.78	63	440514	278.390	ug/l	99
59) 2-Hexanone	10.83	43	392896	270.274	ug/l	99
60) Dibromochloromethane	10.99	129	154774	50.492	ug/l	100
61) 1,2-Dibromoethane	11.09	107	120899	50.691	ug/l	98
64) Tetrachloroethene	10.72	164	177746	46.501	ug/l	97
65) Chlorobenzene	11.52	112	395282	47.552	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.59	131	153489	49.026	ug/l	99
67) Ethyl Benzene	11.59	91	680322	47.208	ug/l	100
68) m/p-Xylenes	11.70	106	529354	94.740	ug/l	100
69) o-Xylene	12.03	106	254504	48.250	ug/l	100
70) Styrene	12.04	104	447569	48.947	ug/l	100
71) Bromoform	12.21	173	105870	50.538	ug/l	100
73) Isopropylbenzene	12.33	105	682156	47.601	ug/l	100
74) N-amyl acetate	12.14	43	195799	53.249	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.58	83	130471	51.889	ug/l	99
76) 1,2,3-Trichloropropane	12.63	75	100631m	49.941	ug/l	
77) Bromobenzene	12.61	156	181597	48.666	ug/l	100
78) n-propylbenzene	12.67	91	790219	47.737	ug/l	99
79) 2-Chlorotoluene	12.75	91	444633	47.883	ug/l	100
80) 1,3,5-Trimethylbenzene	12.81	105	572193	47.820	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.38	75	52852	49.416	ug/l	99
82) 4-Chlorotoluene	12.85	91	463352	47.627	ug/l	100
83) tert-Butylbenzene	13.07	119	508654	47.656	ug/l	100
84) 1,2,4-Trimethylbenzene	13.12	105	580791	48.273	ug/l	100
85) sec-Butylbenzene	13.25	105	687001	47.075	ug/l	100
86) p-Isopropyltoluene	13.37	119	644627	47.471	ug/l	100
87) 1,3-Dichlorobenzene	13.36	146	334905	47.382	ug/l	100
88) 1,4-Dichlorobenzene	13.44	146	336760	47.628	ug/l	99
89) n-Butylbenzene	13.69	91	580583	47.092	ug/l	100
90) Hexachloroethane	13.96	117	123779	48.689	ug/l	99
91) 1,2-Dichlorobenzene	13.73	146	312930	48.817	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.36	75	25365	52.434	ug/l	98

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY052720\
Data File : VY002779.D
Acq On : 27 May 2020 21:16
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.00G/5ML/MSVOA Y/SOIL
ALS Vial : 27 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Manual Integrations
APPROVED

MMDadoda
5/28/2020 2:08:51 PM

Quant Time: May 28 06:29:32 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)
93) 1,2,4-Trichlorobenzene	15.00	180	228969	47.389	ug/l	99
94) Hexachlorobutadiene	15.11	225	127476	46.517	ug/l	99
95) Naphthalene	15.23	128	497649	51.369	ug/l	100
96) 1,2,3-Trichlorobenzene	15.42	180	209497	48.555	ug/l	100

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

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY052720\
 Data File : VY002779.D
 Acq On : 27 May 2020 21:16
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 5/28/2020 2:08:51 PM

Quant Time: May 28 06:29:32 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

