

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY031120\
 Data File : VY001936.D
 Acq On : 11 Mar 2020 12:36
 Operator : SY/MD
 Sample : VY0311SBS01
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0311SBS01

Manual Integrations
 APPROVED

MMDadoda
 3/12/2020 2:46:13 PM

Quant Time: Mar 12 02:08:34 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y030420S.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 05 04:05:33 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.81	168	165290	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.71	114	298499	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	270118	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.43	152	124111	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.16	65	87165	49.40	ug/l	-0.01
Spiked Amount						
			Recovery	=		98.80%
35) Dibromofluoromethane	7.74	113	80849	49.60	ug/l	-0.01
Spiked Amount						
			Recovery	=		99.20%
50) Toluene-d8	10.19	98	338356	49.23	ug/l	0.00
Spiked Amount						
			Recovery	=		98.46%
62) 4-Bromofluorobenzene	12.49	95	116377	48.70	ug/l	0.00
Spiked Amount						
			Recovery	=		97.40%

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.91	85	29698	19.465	ug/l	98
3) Chloromethane	2.12	50	41046	19.954	ug/l	100
4) Vinyl Chloride	2.26	62	42163	20.151	ug/l	97
5) Bromomethane	2.65	94	28482	19.767	ug/l	93
6) Chloroethane	2.80	64	26933	20.491	ug/l	99
7) Trichlorofluoromethane	3.13	101	56865	20.039	ug/l	94
8) Diethyl Ether	3.54	74	23620	21.119	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	3.91	101	37337	20.457	ug/l	99
10) Methyl Iodide	4.10	142	38470	18.226	ug/l	98
11) Tert butyl alcohol	4.97	59	27827	141.762	ug/l #	94
12) 1,1-Dichloroethene	3.88	96	36922	20.091	ug/l	93
13) Acrolein	3.75	56	22734	91.682	ug/l	95
14) Allyl chloride	4.50	41	66175	20.312	ug/l	99
15) Acrylonitrile	5.18	53	61986	103.718	ug/l	99
16) Acetone	3.97	43	51504	100.212	ug/l	98
17) Carbon Disulfide	4.21	76	117942	19.091	ug/l	96
18) Methyl Acetate	4.49	43	27541	20.856	ug/l	97
19) Methyl tert-butyl Ether	5.24	73	104314	20.946	ug/l	96
20) Methylene Chloride	4.74	84	48203	21.884	ug/l	96
21) trans-1,2-Dichloroethene	5.24	96	43371	20.793	ug/l	98
22) Diisopropyl ether	6.14	45	138772	20.780	ug/l	97
23) Vinyl Acetate	6.08	43	452781	103.422	ug/l	99
24) 1,1-Dichloroethane	6.04	63	72804	20.131	ug/l	98
25) 2-Butanone	7.01	43	80856	103.452	ug/l	98
26) 2,2-Dichloropropane	7.00	77	61829	20.830	ug/l	97
27) cis-1,2-Dichloroethene	7.00	96	46319	20.414	ug/l	97
28) Bromochloromethane	7.35	49	34449	21.133	ug/l	98
29) Tetrahydrofuran	7.36	42	53104	102.316	ug/l	99
30) Chloroform	7.52	83	68365	20.121	ug/l	98
31) Cyclohexane	7.80	56	76883	19.827	ug/l	96
32) 1,1,1-Trichloroethane	7.72	97	57585	20.108	ug/l	99
36) 1,1-Dichloropropene	7.93	75	57478	20.010	ug/l	98
37) Ethyl Acetate	7.09	43	37563	22.500	ug/l	99
38) Carbon Tetrachloride	7.91	117	49379	20.123	ug/l	99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY031120\
 Data File : VY001936.D
 Acq On : 11 Mar 2020 12:36
 Operator : SY/MD
 Sample : VY0311SBS01
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0311SBS01

Manual Integrations
 APPROVED

MMDadoda
 3/12/2020 2:46:13 PM

Quant Time: Mar 12 02:08:34 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y030420S.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 05 04:05:33 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.19	83	76264	20.018	ug/l	95
40) Benzene	8.17	78	175579	20.622	ug/l	99
41) Methacrylonitrile	7.33	41	18461m	24.571	ug/l	
42) 1,2-Dichloroethane	8.25	62	45869	20.907	ug/l	99
43) Isopropyl Acetate	8.28	43	66370	20.998	ug/l	98
44) Trichloroethene	8.95	130	42096	20.302	ug/l	96
45) 1,2-Dichloropropane	9.23	63	44669	20.871	ug/l	96
46) Dibromomethane	9.31	93	23388	21.205	ug/l	96
47) Bromodichloromethane	9.51	83	52147	20.325	ug/l	91
48) Methyl methacrylate	9.30	41	30085	21.450	ug/l	99
49) 1,4-Dioxane	9.31	88	5809	384.374	ug/l	99
51) 4-Methyl-2-Pentanone	10.08	43	174784	107.359	ug/l	99
52) Toluene	10.25	92	106798	20.649	ug/l	98
53) t-1,3-Dichloropropene	10.47	75	58228	20.831	ug/l	97
54) cis-1,3-Dichloropropene	9.94	75	67819	20.381	ug/l	99
55) 1,1,2-Trichloroethane	10.66	97	33342	20.656	ug/l	99
56) Ethyl methacrylate	10.52	69	48417	20.464	ug/l	96
57) 1,3-Dichloropropane	10.80	76	59561	20.701	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.79	63	128157	140.928	ug/l	100
59) 2-Hexanone	10.84	43	120487	103.688	ug/l	99
60) Dibromochloromethane	10.99	129	35118	20.647	ug/l	100
61) 1,2-Dibromoethane	11.10	107	31053	20.310	ug/l	100
64) Tetrachloroethene	10.73	164	34288	20.241	ug/l	97
65) Chlorobenzene	11.52	112	108587	20.175	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.59	131	35765	20.263	ug/l	98
67) Ethyl Benzene	11.60	91	202017	20.126	ug/l	99
68) m/p-Xylenes	11.71	106	151740	40.888	ug/l	98
69) o-Xylene	12.03	106	70220	20.076	ug/l	100
70) Styrene	12.05	104	122739	20.488	ug/l	99
71) Bromoform	12.21	173	19591	20.467	ug/l #	98
73) Isopropylbenzene	12.34	105	190774	20.136	ug/l	100
74) N-amyl acetate	12.15	43	59107	20.299	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.59	83	41052	20.093	ug/l	99
76) 1,2,3-Trichloropropane	12.64	75	30514m	20.720	ug/l	
77) Bromobenzene	12.61	156	41716	20.782	ug/l	95
78) n-propylbenzene	12.68	91	236105	20.200	ug/l	100
79) 2-Chlorotoluene	12.77	91	129247	20.014	ug/l	99
80) 1,3,5-Trimethylbenzene	12.82	105	157335	20.172	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.39	75	14440	19.806	ug/l	97
82) 4-Chlorotoluene	12.86	91	137143	20.397	ug/l	100
83) tert-Butylbenzene	13.08	119	131609	20.316	ug/l	99
84) 1,2,4-Trimethylbenzene	13.13	105	159281	20.578	ug/l	99
85) sec-Butylbenzene	13.26	105	194913	20.412	ug/l	100
86) p-Isopropyltoluene	13.38	119	169800	20.614	ug/l	99
87) 1,3-Dichlorobenzene	13.38	146	81403	20.695	ug/l	100
88) 1,4-Dichlorobenzene	13.45	146	80835	20.257	ug/l	98
89) n-Butylbenzene	13.70	91	174043	20.366	ug/l	99
90) Hexachloroethane	13.97	117	30969	19.929	ug/l	99
91) 1,2-Dichlorobenzene	13.75	146	73916	20.684	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.36	75	6153	19.300	ug/l	99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY031120\
Data File : VY001936.D
Acq On : 11 Mar 2020 12:36
Operator : SY/MD
Sample : VY0311SBS01
Misc : 5.00G/5ML/MSVOA Y/SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VY0311SBS01

Manual Integrations
APPROVED

MMDadoda
3/12/2020 2:46:13 PM

Quant Time: Mar 12 02:08:34 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y030420S.M
Quant Title : SW846 8260
QLast Update : Thu Mar 05 04:05:33 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.02	180	47605	20.542	ug/l	98
94) Hexachlorobutadiene	15.12	225	23085	20.432	ug/l	98
95) Naphthalene	15.25	128	108728	19.780	ug/l	99
96) 1,2,3-Trichlorobenzene	15.43	180	42554	20.844	ug/l	97

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

