

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY050620\
 Data File : VY002604.D
 Acq On : 06 May 2020 11:00
 Operator : SY/MD
 Sample : VY0506SBS01
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0506SBS01

Manual Integrations
 APPROVED

MMDadoda
 5/7/2020 10:35:23 AM

Quant Time: May 06 13:34:48 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y043020S.M
 Quant Title : SW846 8260
 QLast Update : Mon May 04 12:22:08 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.81	168	389547	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	579545	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	521922	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.44	152	270027	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.16	65	163113	49.80	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.60%	
35) Dibromofluoromethane	7.73	113	172755	52.12	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.24%	
50) Toluene-d8	10.19	98	680762	52.60	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.20%	
62) 4-Bromofluorobenzene	12.49	95	229161	52.18	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.36%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.91	85	48000	16.165	ug/l	100
3) Chloromethane	2.12	50	58869	18.653	ug/l	99
4) Vinyl Chloride	2.26	62	68052	18.674	ug/l	97
5) Bromomethane	2.65	94	46168	18.371	ug/l	96
6) Chloroethane	2.80	64	40505	18.615	ug/l	98
7) Trichlorofluoromethane	3.14	101	104083	18.428	ug/l	98
8) Diethyl Ether	3.54	74	36510	19.236	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	3.91	101	66858	19.368	ug/l	100
10) Methyl Iodide	4.11	142	82495	17.541	ug/l	98
11) Tert butyl alcohol	4.97	59	28876	85.690	ug/l	99
12) 1,1-Dichloroethene	3.89	96	63839	19.037	ug/l	96
13) Acrolein	3.74	56	17978	77.151	ug/l	96
14) Allyl chloride	4.50	41	95825	19.612	ug/l	98
15) Acrylonitrile	5.19	53	85982	96.061	ug/l	99
16) Acetone	3.97	43	60875	90.056	ug/l	99
17) Carbon Disulfide	4.21	76	177500	17.594	ug/l	100
18) Methyl Acetate	4.50	43	42071	18.627	ug/l	100
19) Methyl tert-butyl Ether	5.25	73	167510	19.146	ug/l	100
20) Methylene Chloride	4.74	84	70934	18.765	ug/l	98
21) trans-1,2-Dichloroethene	5.24	96	70881	19.339	ug/l	98
22) Diisopropyl ether	6.14	45	199285	20.158	ug/l	99
23) Vinyl Acetate	6.08	43	607483	97.707	ug/l	99
24) 1,1-Dichloroethane	6.04	63	116956	19.997	ug/l	99
25) 2-Butanone	7.00	43	101203	91.461	ug/l	96
26) 2,2-Dichloropropane	7.00	77	106245	19.111	ug/l	99
27) cis-1,2-Dichloroethene	7.00	96	79423	19.584	ug/l	99
28) Bromochloromethane	7.35	49	48168	20.101	ug/l	99
29) Tetrahydrofuran	7.36	42	70910	96.860	ug/l	99
30) Chloroform	7.52	83	119123	19.589	ug/l	100
31) Cyclohexane	7.80	56	110689	18.802	ug/l	97
32) 1,1,1-Trichloroethane	7.72	97	108983	19.281	ug/l	100
36) 1,1-Dichloropropene	7.93	75	92693	19.079	ug/l	99
37) Ethyl Acetate	7.09	43	48071	19.254	ug/l	99
38) Carbon Tetrachloride	7.91	117	101900	19.211	ug/l	96

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY050620\
 Data File : VY002604.D
 Acq On : 06 May 2020 11:00
 Operator : SY/MD
 Sample : VY0506SBS01
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0506SBS01

Manual Integrations
 APPROVED

MMDadoda
 5/7/2020 10:35:23 AM

Quant Time: May 06 13:34:48 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y043020S.M
 Quant Title : SW846 8260
 QLast Update : Mon May 04 12:22:08 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.19	83	121661	18.959	ug/l	97
40) Benzene	8.18	78	273344	19.480	ug/l	100
41) Methacrylonitrile	7.35	41	31281m	23.303	ug/l	
42) 1,2-Dichloroethane	8.25	62	72568	18.437	ug/l	98
43) Isopropyl Acetate	8.28	43	90406	19.316	ug/l	99
44) Trichloroethene	8.95	130	86328	19.686	ug/l	92
45) 1,2-Dichloropropane	9.23	63	66570	19.657	ug/l	99
46) Dibromomethane	9.32	93	37288	19.137	ug/l	99
47) Bromodichloromethane	9.50	83	91931	19.404	ug/l	98
48) Methyl methacrylate	9.30	41	39720	18.752	ug/l	98
49) 1,4-Dioxane	9.30	88	10532	408.237	ug/l	98
51) 4-Methyl-2-Pentanone	10.08	43	234968	97.397	ug/l	100
52) Toluene	10.25	92	176171	19.535	ug/l	99
53) t-1,3-Dichloropropene	10.47	75	96000	19.339	ug/l	98
54) cis-1,3-Dichloropropene	9.94	75	111579	19.443	ug/l	99
55) 1,1,2-Trichloroethane	10.66	97	56592	19.917	ug/l	96
56) Ethyl methacrylate	10.52	69	72874	19.279	ug/l	99
57) 1,3-Dichloropropane	10.80	76	93850	19.476	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.79	63	200888	100.777	ug/l	99
59) 2-Hexanone	10.84	43	160863	96.880	ug/l	100
60) Dibromochloromethane	10.99	129	70937	19.629	ug/l	98
61) 1,2-Dibromoethane	11.10	107	53978	19.185	ug/l	99
64) Tetrachloroethene	10.73	164	97722	21.073	ug/l	98
65) Chlorobenzene	11.53	112	194737	19.627	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.60	131	74356	20.189	ug/l	99
67) Ethyl Benzene	11.60	91	345715	19.837	ug/l	99
68) m/p-Xylenes	11.71	106	267534	39.674	ug/l	99
69) o-Xylene	12.03	106	124829	19.770	ug/l	100
70) Styrene	12.05	104	215026	19.921	ug/l	99
71) Bromoform	12.22	173	44051	19.271	ug/l	# 99
73) Isopropylbenzene	12.34	105	343637	19.636	ug/l	100
74) N-amyl acetate	12.15	43	82795	19.667	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.59	83	50918	18.295	ug/l	100
76) 1,2,3-Trichloropropane	12.64	75	49735m	20.726	ug/l	
77) Bromobenzene	12.62	156	85159	19.477	ug/l	99
78) n-propylbenzene	12.68	91	404852	19.935	ug/l	100
79) 2-Chlorotoluene	12.77	91	222473	19.776	ug/l	99
80) 1,3,5-Trimethylbenzene	12.82	105	287948	19.850	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.39	75	22170	18.526	ug/l	99
82) 4-Chlorotoluene	12.86	91	237737	20.118	ug/l	99
83) tert-Butylbenzene	13.08	119	260801	20.504	ug/l	99
84) 1,2,4-Trimethylbenzene	13.13	105	291632	20.172	ug/l	99
85) sec-Butylbenzene	13.26	105	356607	20.204	ug/l	100
86) p-Isopropyltoluene	13.38	119	330514	19.985	ug/l	100
87) 1,3-Dichlorobenzene	13.38	146	163688	19.780	ug/l	99
88) 1,4-Dichlorobenzene	13.45	146	162920	19.882	ug/l	98
89) n-Butylbenzene	13.70	91	305786	20.311	ug/l	100
90) Hexachloroethane	13.97	117	60970	20.244	ug/l	97
91) 1,2-Dichlorobenzene	13.75	146	147693	20.002	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.37	75	9294	17.914	ug/l	99

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY050620\
Data File : VY002604.D
Acq On : 06 May 2020 11:00
Operator : SY/MD
Sample : VY0506SBS01
Misc : 5.00G/5ML/MSVOA Y/SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VY0506SBS01

Manual Integrations
APPROVED

MMDadoda
5/7/2020 10:35:23 AM

Quant Time: May 06 13:34:48 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_Y\METHODS\82Y043020S.M
Quant Title : SW846 8260
QLast Update : Mon May 04 12:22:08 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.02	180	106737	19.910	ug/l	99
94) Hexachlorobutadiene	15.13	225	65066	20.220	ug/l	99
95) Naphthalene	15.25	128	186870	19.108	ug/l	100
96) 1,2,3-Trichlorobenzene	15.44	180	90771	19.945	ug/l	99

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

