

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY060120\
 Data File : VY002805.D
 Acq On : 01 Jun 2020 13:14
 Operator : SY/MD
 Sample : VY0601SBSD01
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0601SBSD01

Quant Time: Jun 01 18:21:17 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	291299	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	426242	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	403008	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	222923	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.15	65	125524	49.63	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.26%	
35) Dibromofluoromethane	7.72	113	126650	50.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.40%	
50) Toluene-d8	10.18	98	498470	49.35	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.70%	
62) 4-Bromofluorobenzene	12.49	95	176629	51.17	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.34%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.91	85	39919	19.916	ug/l	94
3) Chloromethane	2.12	50	45163	20.371	ug/l	100
4) Vinyl Chloride	2.26	62	48162	20.553	ug/l	96
5) Bromomethane	2.65	94	37150	21.155	ug/l	97
6) Chloroethane	2.79	64	31753	20.903	ug/l	99
7) Trichlorofluoromethane	3.13	101	87456	21.072	ug/l	98
8) Diethyl Ether	3.54	74	31109	19.197	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.91	101	51778	21.012	ug/l	97
10) Methyl Iodide	4.10	142	70108	20.333	ug/l	99
11) Tert butyl alcohol	4.97	59	32013	110.643	ug/l #	84
12) 1,1-Dichloroethene	3.88	96	51644	20.840	ug/l	98
13) Acrolein	3.74	56	29218	98.575	ug/l	99
14) Allyl chloride	4.49	41	73081	20.562	ug/l	98
15) Acrylonitrile	5.18	53	78399	107.236	ug/l	99
16) Acetone	3.96	43	62401	105.214	ug/l	98
17) Carbon Disulfide	4.20	76	152587	20.376	ug/l	99
18) Methyl Acetate	4.49	43	35318	23.214	ug/l	99
19) Methyl tert-butyl Ether	5.23	73	143159	20.926	ug/l	100
20) Methylene Chloride	4.72	84	66846	23.063	ug/l	97
21) trans-1,2-Dichloroethene	5.23	96	57821	20.747	ug/l	98
22) Diisopropyl ether	6.13	45	154667	20.941	ug/l	94
23) Vinyl Acetate	6.07	43	514309	105.471	ug/l	99
24) 1,1-Dichloroethane	6.03	63	89578	20.733	ug/l	98
25) 2-Butanone	7.00	43	97752	105.789	ug/l	95
26) 2,2-Dichloropropane	6.99	77	84604	20.418	ug/l	100
27) cis-1,2-Dichloroethene	6.99	96	63163	20.246	ug/l	98
28) Bromochloromethane	7.34	49	38085	21.473	ug/l	99
29) Tetrahydrofuran	7.36	42	63382	105.453	ug/l	98
30) Chloroform	7.52	83	94647	20.644	ug/l	99
31) Cyclohexane	7.79	56	86569	20.181	ug/l	94
32) 1,1,1-Trichloroethane	7.71	97	88367	20.684	ug/l	100
36) 1,1-Dichloropropene	7.93	75	74446	20.734	ug/l	99
37) Ethyl Acetate	7.08	43	41882	21.439	ug/l	98
38) Carbon Tetrachloride	7.91	117	84307	21.136	ug/l	98

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY060120\
 Data File : VY002805.D
 Acq On : 01 Jun 2020 13:14
 Operator : SY/MD
 Sample : VY0601SBSD01
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0601SBSD01

Quant Time: Jun 01 18:21:17 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	98007	20.708	ug/l	98
40) Benzene	8.17	78	221590	20.886	ug/l	99
41) Methacrylonitrile	7.33	41	20037m	19.092	ug/l	
42) 1,2-Dichloroethane	8.24	62	63254	21.274	ug/l	99
43) Isopropyl Acetate	8.28	43	78293	21.149	ug/l	99
44) Trichloroethene	8.94	130	69599	20.768	ug/l	100
45) 1,2-Dichloropropane	9.22	63	53180	20.902	ug/l	100
46) Dibromomethane	9.31	93	31549	20.880	ug/l	99
47) Bromodichloromethane	9.50	83	74635	20.952	ug/l	97
48) Methyl methacrylate	9.30	41	35979	21.529	ug/l	97
49) 1,4-Dioxane	9.30	88	10045	432.960	ug/l	93
51) 4-Methyl-2-Pentanone	10.07	43	212023	108.159	ug/l	100
52) Toluene	10.25	92	146191	21.064	ug/l	99
53) t-1,3-Dichloropropene	10.47	75	82021	21.081	ug/l	100
54) cis-1,3-Dichloropropene	9.93	75	93601	21.231	ug/l	97
55) 1,1,2-Trichloroethane	10.64	97	49082	21.218	ug/l	98
56) Ethyl methacrylate	10.51	69	65085	21.006	ug/l	99
57) 1,3-Dichloropropane	10.79	76	80429	21.139	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.78	63	158263	104.535	ug/l	98
59) 2-Hexanone	10.83	43	148828	107.004	ug/l	100
60) Dibromochloromethane	10.99	129	62187	21.204	ug/l	100
61) 1,2-Dibromoethane	11.09	107	48422	21.220	ug/l	100
64) Tetrachloroethene	10.72	164	74282	20.280	ug/l	99
65) Chlorobenzene	11.52	112	163868	20.572	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.59	131	62066	20.689	ug/l	100
67) Ethyl Benzene	11.60	91	282532	20.460	ug/l	99
68) m/p-Xylenes	11.70	106	219499	40.997	ug/l	99
69) o-Xylene	12.03	106	105275	20.828	ug/l	100
70) Styrene	12.05	104	181688	20.736	ug/l	100
71) Bromoform	12.21	173	43472	21.656	ug/l #	98
73) Isopropylbenzene	12.33	105	285223	19.965	ug/l	99
74) N-amyl acetate	12.14	43	74612	20.355	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.58	83	51975	20.736	ug/l	99
76) 1,2,3-Trichloropropane	12.63	75	43152m	21.483	ug/l	
77) Bromobenzene	12.61	156	74440	20.012	ug/l	99
78) n-propylbenzene	12.67	91	332889	20.173	ug/l	100
79) 2-Chlorotoluene	12.76	91	186157	20.111	ug/l	100
80) 1,3,5-Trimethylbenzene	12.81	105	242010	20.289	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.38	75	22362	20.974	ug/l #	81
82) 4-Chlorotoluene	12.86	91	196573	20.269	ug/l	100
83) tert-Butylbenzene	13.08	119	212946	20.014	ug/l	99
84) 1,2,4-Trimethylbenzene	13.12	105	242837	20.247	ug/l	100
85) sec-Butylbenzene	13.25	105	294778	20.262	ug/l	100
86) p-Isopropyltoluene	13.37	119	276267	20.408	ug/l	100
87) 1,3-Dichlorobenzene	13.37	146	144015	20.439	ug/l	100
88) 1,4-Dichlorobenzene	13.45	146	144365	20.482	ug/l	99
89) n-Butylbenzene	13.70	91	250379	20.372	ug/l	99
90) Hexachloroethane	13.96	117	51004	20.126	ug/l	96
91) 1,2-Dichlorobenzene	13.74	146	131212	20.534	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.36	75	10262	21.280	ug/l	97

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY060120\
Data File : VY002805.D
Acq On : 01 Jun 2020 13:14
Operator : SY/MD
Sample : VY0601SBSD01
Misc : 5.00G/5ML/MSVOA Y/SOIL
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VY0601SBSD01

Quant Time: Jun 01 18:21:17 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	15.01	180	99143	20.584	ug/l	99
94) Hexachlorobutadiene	15.11	225	57498	21.047	ug/l	98
95) Naphthalene	15.23	128	198554	20.560	ug/l	100
96) 1,2,3-Trichlorobenzene	15.42	180	88352	20.542	ug/l	99

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

