

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY071420\
 Data File : VY003189.D
 Acq On : 14 Jul 2020 12:33
 Operator : SY/MD
 Sample : VY0714SBS01
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0714SBS01

Quant Time: Jul 15 04:46:19 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	457587	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	672662	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	608923	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	327209	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.15	65	197029	51.01	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.02%	
35) Dibromofluoromethane	7.72	113	187377	48.41	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.82%	
50) Toluene-d8	10.18	98	699792	48.62	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.24%	
62) 4-Bromofluorobenzene	12.48	95	250241	48.13	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.26%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.91	85	75811	23.115	ug/l	99
3) Chloromethane	2.12	50	102991	22.640	ug/l	96
4) Vinyl Chloride	2.26	62	102991	22.065	ug/l	96
5) Bromomethane	2.65	94	78094	22.526	ug/l	95
6) Chloroethane	2.79	64	65375	21.325	ug/l	98
7) Trichlorofluoromethane	3.13	101	146204	21.934	ug/l	97
8) Diethyl Ether	3.54	74	48722	21.813	ug/l	94
9) 1,1,2-Trichlorotrifluoroet	3.90	101	88387	21.955	ug/l	98
10) Methyl Iodide	4.10	142	86772	19.839	ug/l	99
11) Tert butyl alcohol	4.97	59	44426	106.377	ug/l	96
12) 1,1-Dichloroethene	3.88	96	82847	21.758	ug/l	94
13) Acrolein	3.73	56	35866	98.944	ug/l	98
14) Allyl chloride	4.49	41	130339	23.069	ug/l	99
15) Acrylonitrile	5.18	53	117405	109.423	ug/l	100
16) Acetone	3.95	43	95232	110.388	ug/l	95
17) Carbon Disulfide	4.20	76	255166	21.838	ug/l	99
18) Methyl Acetate	4.49	43	54950	22.936	ug/l	97
19) Methyl tert-butyl Ether	5.23	73	230115	21.565	ug/l	99
20) Methylene Chloride	4.72	84	111065	22.573	ug/l	98
21) trans-1,2-Dichloroethene	5.23	96	92253	21.420	ug/l	96
22) Diisopropyl ether	6.13	45	286405	22.840	ug/l	96
23) Vinyl Acetate	6.07	43	927190	110.936	ug/l	98
24) 1,1-Dichloroethane	6.03	63	160302	22.066	ug/l	98
25) 2-Butanone	7.00	43	154124	108.808	ug/l	98
26) 2,2-Dichloropropane	6.99	77	144157	22.034	ug/l	98
27) cis-1,2-Dichloroethene	6.99	96	102394	21.594	ug/l	97
28) Bromochloromethane	7.34	49	72545	23.065	ug/l	98
29) Tetrahydrofuran	7.35	42	103482	108.750	ug/l	98
30) Chloroform	7.52	83	162713	21.746	ug/l	97
31) Cyclohexane	7.79	56	153183	21.806	ug/l #	95
32) 1,1,1-Trichloroethane	7.71	97	145904	21.660	ug/l	99
36) 1,1-Dichloropropene	7.93	75	127200	20.864	ug/l	99
37) Ethyl Acetate	7.08	43	73206	22.297	ug/l	98
38) Carbon Tetrachloride	7.91	117	131392	20.876	ug/l	100

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY071420\
 Data File : VY003189.D
 Acq On : 14 Jul 2020 12:33
 Operator : SY/MD
 Sample : VY0714SBSD01
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0714SBSD01

Quant Time: Jul 15 04:46:19 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	160834	21.000	ug/l	95
40) Benzene	8.17	78	358902	21.380	ug/l	99
41) Methacrylonitrile	7.33	41	42066m	21.274	ug/l	
42) 1,2-Dichloroethane	8.24	62	109619	21.211	ug/l	99
43) Isopropyl Acetate	8.28	43	134127	21.106	ug/l	98
44) Trichloroethene	8.94	130	103534	20.119	ug/l	98
45) 1,2-Dichloropropane	9.22	63	93531	21.533	ug/l	99
46) Dibromomethane	9.31	93	52807	20.815	ug/l	100
47) Bromodichloromethane	9.50	83	127874	21.193	ug/l	100
48) Methyl methacrylate	9.30	41	60418	21.266	ug/l	98
49) 1,4-Dioxane	9.30	88	13053	405.395	ug/l	94
51) 4-Methyl-2-Pentanone	10.07	43	357609	108.263	ug/l	97
52) Toluene	10.24	92	226766	21.135	ug/l	100
53) t-1,3-Dichloropropene	10.47	75	132803	21.243	ug/l	98
54) cis-1,3-Dichloropropene	9.93	75	152104	21.117	ug/l	98
55) 1,1,2-Trichloroethane	10.64	97	75480	20.996	ug/l	95
56) Ethyl methacrylate	10.51	69	102872	21.048	ug/l	99
57) 1,3-Dichloropropane	10.79	76	128113	21.018	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.78	63	261221	104.798	ug/l	98
59) 2-Hexanone	10.83	43	244781	106.157	ug/l	99
60) Dibromochloromethane	10.99	129	94806	20.967	ug/l	98
61) 1,2-Dibromoethane	11.09	107	71509	20.154	ug/l	99
64) Tetrachloroethene	10.72	164	112224	20.670	ug/l	97
65) Chlorobenzene	11.52	112	247336	21.085	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.59	131	95042	20.861	ug/l	99
67) Ethyl Benzene	11.60	91	446125	21.300	ug/l	99
68) m/p-Xylenes	11.70	106	335246	42.185	ug/l	98
69) o-Xylene	12.03	106	159028	21.420	ug/l	99
70) Styrene	12.05	104	268535	21.144	ug/l	98
71) Bromoform	12.20	173	61977	20.726	ug/l	100
73) Isopropylbenzene	12.33	105	435361	20.879	ug/l	100
74) N-amyl acetate	12.14	43	126383	21.601	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.58	83	84721	21.037	ug/l	100
76) 1,2,3-Trichloropropane	12.63	75	60541m	20.902	ug/l	
77) Bromobenzene	12.61	156	111460	20.970	ug/l	99
78) n-propylbenzene	12.67	91	524439	21.337	ug/l	100
79) 2-Chlorotoluene	12.75	91	288807	21.060	ug/l	100
80) 1,3,5-Trimethylbenzene	12.81	105	367268	21.133	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.38	75	31082	20.885	ug/l	96
82) 4-Chlorotoluene	12.85	91	307320	21.470	ug/l	98
83) tert-Butylbenzene	13.08	119	324900	21.187	ug/l	99
84) 1,2,4-Trimethylbenzene	13.12	105	372144	21.282	ug/l	99
85) sec-Butylbenzene	13.25	105	450477	21.373	ug/l	99
86) p-Isopropyltoluene	13.37	119	414411	21.058	ug/l	99
87) 1,3-Dichlorobenzene	13.36	146	211033	20.996	ug/l	98
88) 1,4-Dichlorobenzene	13.44	146	210184	21.121	ug/l	99
89) n-Butylbenzene	13.69	91	395640	21.373	ug/l	100
90) Hexachloroethane	13.96	117	77684	21.676	ug/l	99
91) 1,2-Dichlorobenzene	13.74	146	187446	21.251	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.36	75	13373	20.482	ug/l	92

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY071420\
Data File : VY003189.D
Acq On : 14 Jul 2020 12:33
Operator : SY/MD
Sample : VY0714SBSD01
Misc : 5.00G/5ML/MSVOA Y/SOIL
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VY0714SBSD01

Quant Time: Jul 15 04:46:19 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)
93) 1,2,4-Trichlorobenzene	15.00	180	131919	21.022	ug/l	99
94) Hexachlorobutadiene	15.11	225	93637	21.777	ug/l	99
95) Naphthalene	15.23	128	209208	20.173	ug/l	98
96) 1,2,3-Trichlorobenzene	15.42	180	102047	20.572	ug/l	98

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

