

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY052920\
 Data File : VY002795.D
 Acq On : 29 May 2020 11:25
 Operator : SY/MD
 Sample : VY0529SBS01
 Misc : 5.00G/5ML/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0529SBS01

Quant Time: May 30 04:08:25 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	293377	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	435922	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	410568	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	222066	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.14	65	138759	54.47	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.94%	
35) Dibromofluoromethane	7.72	113	137650	53.88	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.76%	
50) Toluene-d8	10.18	98	545804	52.84	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.68%	
62) 4-Bromofluorobenzene	12.48	95	190498	53.96	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.92%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.91	85	44737	22.16	ug/l	99
3) Chloromethane	2.12	50	49650	22.24	ug/l	99
4) Vinyl Chloride	2.26	62	53423	22.64	ug/l	100
5) Bromomethane	2.65	94	38415	21.72	ug/l	96
6) Chloroethane	2.79	64	32297	21.11	ug/l	96
7) Trichlorofluoromethane	3.13	101	88374	21.14	ug/l	95
8) Diethyl Ether	3.54	74	31837	19.51	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.90	101	52852	21.30	ug/l	98
10) Methyl Iodide	4.10	142	66752	19.22	ug/l	99
11) Tert butyl alcohol	4.97	59	35203	122.04	ug/l	96
12) 1,1-Dichloroethene	3.88	96	53108	21.28	ug/l	98
13) Acrolein	3.74	56	29764	99.71	ug/l	99
14) Allyl chloride	4.49	41	76035	21.24	ug/l	99
15) Acrylonitrile	5.18	53	79447	107.90	ug/l	100
16) Acetone	3.96	43	62609	104.82	ug/l	95
17) Carbon Disulfide	4.20	76	159902	21.20	ug/l	99
18) Methyl Acetate	4.49	43	35448	23.13	ug/l	99
19) Methyl tert-butyl Ether	5.22	73	145530	21.12	ug/l	100
20) Methylene Chloride	4.72	84	63213	21.66	ug/l	94
21) trans-1,2-Dichloroethene	5.22	96	60204	21.45	ug/l	97
22) Diisopropyl ether	6.12	45	161464	21.71	ug/l	92
23) Vinyl Acetate	6.07	43	533524	108.64	ug/l	99
24) 1,1-Dichloroethane	6.02	63	92074	21.16	ug/l	97
25) 2-Butanone	6.99	43	100276	107.75	ug/l	99
26) 2,2-Dichloropropane	6.99	77	89099	21.35	ug/l	98
27) cis-1,2-Dichloroethene	6.99	96	66297	21.10	ug/l	99
28) Bromochloromethane	7.34	49	39458	22.09	ug/l	98
29) Tetrahydrofuran	7.35	42	65334	107.93	ug/l	99
30) Chloroform	7.51	83	100389	21.74	ug/l	92
31) Cyclohexane	7.78	56	88326	20.44	ug/l	96
32) 1,1,1-Trichloroethane	7.71	97	89676	20.84	ug/l	99
36) 1,1-Dichloropropene	7.92	75	77987	21.24	ug/l	100
37) Ethyl Acetate	7.08	43	43621	21.83	ug/l	99
38) Carbon Tetrachloride	7.90	117	84737	20.77	ug/l	95

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY052920\
 Data File : VY002795.D
 Acq On : 29 May 2020 11:25
 Operator : SY/MD
 Sample : VY0529SBS01
 Misc : 5.00G/5ML/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0529SBS01

Quant Time: May 30 04:08:25 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	98552	20.36	ug/l	98
40) Benzene	8.16	78	230513	21.24	ug/l	100
41) Methacrylonitrile	7.33	41	22616m	21.07	ug/l	
42) 1,2-Dichloroethane	8.24	62	64744	21.29	ug/l	99
43) Isopropyl Acetate	8.28	43	80978	21.39	ug/l	99
44) Trichloroethene	8.94	130	71802	20.95	ug/l	98
45) 1,2-Dichloropropane	9.22	63	54515	20.95	ug/l	99
46) Dibromomethane	9.31	93	33539	21.70	ug/l	96
47) Bromodichloromethane	9.50	83	78192	21.46	ug/l	99
48) Methyl methacrylate	9.30	41	35850	20.98	ug/l	100
49) 1,4-Dioxane	9.30	88	9971	420.23	ug/l	99
51) 4-Methyl-2-Pentanone	10.07	43	216708	108.09	ug/l	99
52) Toluene	10.24	92	147960	20.85	ug/l	99
53) t-1,3-Dichloropropene	10.47	75	84519	21.24	ug/l	100
54) cis-1,3-Dichloropropene	9.93	75	94899	21.05	ug/l	99
55) 1,1,2-Trichloroethane	10.64	97	50585	21.38	ug/l	97
56) Ethyl methacrylate	10.51	69	67357	21.26	ug/l	99
57) 1,3-Dichloropropane	10.79	76	83336	21.42	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.78	63	163481	105.58	ug/l	99
59) 2-Hexanone	10.83	43	154018	108.28	ug/l	99
60) Dibromochloromethane	10.99	129	63081	21.03	ug/l	100
61) 1,2-Dibromoethane	11.09	107	50516	21.65	ug/l	100
64) Tetrachloroethene	10.72	164	77642	20.81	ug/l	95
65) Chlorobenzene	11.52	112	168071	20.71	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.59	131	64631	21.15	ug/l	99
67) Ethyl Benzene	11.60	91	291055	20.69	ug/l	98
68) m/p-Xylenes	11.70	106	227173	41.65	ug/l	99
69) o-Xylene	12.03	106	107552	20.89	ug/l	99
70) Styrene	12.05	104	187148	20.97	ug/l	100
71) Bromoform	12.21	173	43175	21.11	ug/l #	99
73) Isopropylbenzene	12.33	105	294919	20.72	ug/l	100
74) N-amyl acetate	12.14	43	77046	21.10	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.58	83	53343	21.36	ug/l	99
76) 1,2,3-Trichloropropane	12.63	75	43805m	21.89	ug/l	
77) Bromobenzene	12.61	156	77233	20.84	ug/l	98
78) n-propylbenzene	12.67	91	343571	20.90	ug/l	100
79) 2-Chlorotoluene	12.75	91	190800	20.69	ug/l	100
80) 1,3,5-Trimethylbenzene	12.81	105	244719	20.60	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.38	75	22430	21.12	ug/l	99
82) 4-Chlorotoluene	12.86	91	200992	20.80	ug/l	100
83) tert-Butylbenzene	13.08	119	217015	20.48	ug/l	99
84) 1,2,4-Trimethylbenzene	13.12	105	250651	20.98	ug/l	98
85) sec-Butylbenzene	13.25	105	305050	21.05	ug/l	100
86) p-Isopropyltoluene	13.37	119	283382	21.01	ug/l	100
87) 1,3-Dichlorobenzene	13.37	146	145619	20.75	ug/l	99
88) 1,4-Dichlorobenzene	13.45	146	146267	20.83	ug/l	99
89) n-Butylbenzene	13.70	91	258036	21.08	ug/l	100
90) Hexachloroethane	13.96	117	52029	20.61	ug/l	98
91) 1,2-Dichlorobenzene	13.74	146	133830	21.02	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.36	75	9961	20.74	ug/l	99

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_Y\DATA\VY052920\
Data File : VY002795.D
Acq On : 29 May 2020 11:25
Operator : SY/MD
Sample : VY0529SBS01
Misc : 5.00G/5ML/MSVOA_Y/SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VY0529SBS01

Quant Time: May 30 04:08:25 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

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.01	180	100793	21.01	ug/l	99
94) Hexachlorobutadiene	15.11	225	57267	21.04	ug/l	99
95) Naphthalene	15.23	128	199821	20.77	ug/l	100
96) 1,2,3-Trichlorobenzene	15.42	180	88730	20.71	ug/l	99

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

