

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY120419\
 Data File : VY000855.D
 Acq On : 04 Dec 2019 12:05
 Operator : SY/MD
 Sample : VY1204SBS01
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1204SBS01

Manual Integrations
 APPROVED

apatel
 12/5/2019 2:58:35 PM

Quant Time: Dec 05 08:06:56 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y112719S.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 27 12:40:47 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	323053	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	562626	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	509862	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	241150	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.15	65	177996	51.85	ug/l	0.00
Spiked Amount			Recovery	=	103.70%	
35) Dibromofluoromethane	7.73	113	163390	49.83	ug/l	0.00
Spiked Amount			Recovery	=	99.66%	
50) Toluene-d8	10.18	98	687793	52.47	ug/l	0.00
Spiked Amount			Recovery	=	104.94%	
62) 4-Bromofluorobenzene	12.48	95	238119	48.37	ug/l	0.00
Spiked Amount			Recovery	=	96.74%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.90	85	66444	19.106	ug/l	98
3) Chloromethane	2.11	50	83086	19.382	ug/l	96
4) Vinyl Chloride	2.25	62	81043	19.183	ug/l	100
5) Bromomethane	2.63	94	50927	18.478	ug/l	99
6) Chloroethane	2.79	64	48968	18.905	ug/l	100
7) Trichlorofluoromethane	3.13	101	114049	19.698	ug/l	93
8) Diethyl Ether	3.53	74	42245	19.386	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	3.90	101	68844	19.255	ug/l	98
10) Methyl Iodide	4.10	142	81357	18.073	ug/l	99
11) Tert butyl alcohol	4.97	59	32201	93.240	ug/l #	89
12) 1,1-Dichloroethene	3.88	96	70192	19.816	ug/l	89
13) Acrolein	3.73	56	39318	115.573	ug/l	98
14) Allyl chloride	4.48	41	119401	19.659	ug/l	100
15) Acrylonitrile	5.18	53	113416	100.791	ug/l	99
16) Acetone	3.95	43	78735	99.986	ug/l	94
17) Carbon Disulfide	4.19	76	222703	19.440	ug/l	97
18) Methyl Acetate	4.49	43	69523	21.115	ug/l	100
19) Methyl tert-butyl Ether	5.22	73	188560	19.933	ug/l	99
20) Methylene Chloride	4.72	84	84413	20.336	ug/l	98
21) trans-1,2-Dichloroethene	5.23	96	76646	19.038	ug/l	99
22) Diisopropyl ether	6.13	45	249893	20.019	ug/l	96
23) Vinyl Acetate	6.07	43	769739	101.431	ug/l	98
24) 1,1-Dichloroethane	6.02	63	134865	19.602	ug/l	99
25) 2-Butanone	7.00	43	144928	99.631	ug/l	97
26) 2,2-Dichloropropane	6.99	77	109638	18.934	ug/l	99
27) cis-1,2-Dichloroethene	6.99	96	87676	20.147	ug/l	97
28) Bromochloromethane	7.35	49	31893	14.149	ug/l	95
29) Tetrahydrofuran	7.36	42	101161	104.947	ug/l	98
30) Chloroform	7.52	83	128809	18.663	ug/l	96
31) Cyclohexane	7.79	56	138623	19.020	ug/l	97
32) 1,1,1-Trichloroethane	7.71	97	108728	19.078	ug/l	99
36) 1,1-Dichloropropene	7.92	75	106738	19.080	ug/l	99
37) Ethyl Acetate	7.08	43	65833	20.381	ug/l #	94
38) Carbon Tetrachloride	7.91	117	97791	19.629	ug/l	94

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY120419\
 Data File : VY000855.D
 Acq On : 04 Dec 2019 12:05
 Operator : SY/MD
 Sample : VY1204SBSD01
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1204SBSD01

Manual Integrations
 APPROVED

apatel
 12/5/2019 2:58:35 PM

Quant Time: Dec 05 08:06:56 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y112719S.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 27 12:40:47 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.19	83	141542	19.097	ug/l	98
40) Benzene	8.17	78	321041	19.702	ug/l	97
41) Methacrylonitrile	7.33	41	29728m	17.462	ug/l	
42) 1,2-Dichloroethane	8.24	62	84517	19.722	ug/l	98
43) Isopropyl Acetate	8.28	43	115766	19.018	ug/l	99
44) Trichloroethene	8.94	130	83958	20.048	ug/l	88
45) 1,2-Dichloropropane	9.22	63	81353	19.876	ug/l	100
46) Dibromomethane	9.31	93	43421	20.304	ug/l	97
47) Bromodichloromethane	9.50	83	97808	19.469	ug/l	99
48) Methyl methacrylate	9.29	41	53764	20.086	ug/l	97
49) 1,4-Dioxane	9.30	88	12170	401.627	ug/l #	91
51) 4-Methyl-2-Pentanone	10.07	43	319250	101.507	ug/l	97
52) Toluene	10.24	92	199764	19.800	ug/l	99
53) t-1,3-Dichloropropene	10.47	75	106065	19.651	ug/l	98
54) cis-1,3-Dichloropropene	9.93	75	126297	19.797	ug/l	95
55) 1,1,2-Trichloroethane	10.64	97	62630	19.822	ug/l	96
56) Ethyl methacrylate	10.51	69	90215	19.960	ug/l	98
57) 1,3-Dichloropropane	10.79	76	113231	20.562	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.78	63	188163	103.246	ug/l	100
59) 2-Hexanone	10.83	43	221842	96.800	ug/l	100
60) Dibromochloromethane	10.98	129	65515	19.262	ug/l	100
61) 1,2-Dibromoethane	11.09	107	59248	19.897	ug/l	99
64) Tetrachloroethene	10.72	164	89046	20.102	ug/l	93
65) Chlorobenzene	11.52	112	207100	19.541	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.59	131	69192	19.373	ug/l	99
67) Ethyl Benzene	11.59	91	377961	19.149	ug/l	100
68) m/p-Xylenes	11.70	106	282827	38.176	ug/l	99
69) o-Xylene	12.03	106	136178	19.714	ug/l	98
70) Styrene	12.04	104	230654	19.501	ug/l	99
71) Bromoform	12.20	173	39396	19.557	ug/l #	97
73) Isopropylbenzene	12.33	105	358389	18.665	ug/l	99
74) N-amyl acetate	12.14	43	101872	19.062	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.58	83	70842	18.725	ug/l	98
76) 1,2,3-Trichloropropane	12.63	75	53201m	19.472	ug/l	
77) Bromobenzene	12.61	156	77331	18.580	ug/l	94
78) n-propylbenzene	12.67	91	438265	18.694	ug/l	99
79) 2-Chlorotoluene	12.75	91	240784	18.590	ug/l	99
80) 1,3,5-Trimethylbenzene	12.81	105	301467	18.963	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.38	75	27617	19.855	ug/l	99
82) 4-Chlorotoluene	12.85	91	255197	19.125	ug/l	99
83) tert-Butylbenzene	13.07	119	252862	18.918	ug/l	99
84) 1,2,4-Trimethylbenzene	13.12	105	302942	19.046	ug/l	99
85) sec-Butylbenzene	13.25	105	372186	19.146	ug/l	98
86) p-Isopropyltoluene	13.37	119	326568	19.315	ug/l	99
87) 1,3-Dichlorobenzene	13.36	146	157782	19.325	ug/l	100
88) 1,4-Dichlorobenzene	13.44	146	160347	19.834	ug/l	99
89) n-Butylbenzene	13.69	91	326636	19.108	ug/l	99
90) Hexachloroethane	13.96	117	58369	18.741	ug/l	97
91) 1,2-Dichlorobenzene	13.73	146	141946	19.328	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.36	75	13934	21.999	ug/l	87

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY120419\
Data File : VY000855.D
Acq On : 04 Dec 2019 12:05
Operator : SY/MD
Sample : VY1204SBSD01
Misc : 5.00G/5ML/MSVOA Y/SOIL
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VY1204SBSD01

Manual Integrations
APPROVED

apatel
12/5/2019 2:58:35 PM

Quant Time: Dec 05 08:06:56 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y112719S.M
Quant Title : SW846 8260
QLast Update : Wed Nov 27 12:40:47 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.01	180	98882	19.897	ug/l	100
94) Hexachlorobutadiene	15.11	225	49040	19.903	ug/l	98
95) Naphthalene	15.23	128	233529	20.238	ug/l	100
96) 1,2,3-Trichlorobenzene	15.42	180	88661	19.973	ug/l	98

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

