

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY111220\
 Data File : VY003526.D
 Acq On : 12 Nov 2020 11:28
 Operator : SY/MD
 Sample : VY1112SBS01
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1112SBS01

Manual Integrations
 APPROVED

SAM
 11/13/2020 6:13:55 PM

Quant Time: Nov 13 02:15:19 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y110220S.M
 Quant Title : SW846 8260
 QLast Update : Mon Nov 02 12:40:51 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	224396	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	316108	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	287922	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	155538	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.14	65	114514	49.78	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.56%	
35) Dibromofluoromethane	7.72	113	99017	51.48	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.96%	
50) Toluene-d8	10.18	98	398288	49.77	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.54%	
62) 4-Bromofluorobenzene	12.48	95	134791	50.84	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.68%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.90	85	39668	22.342	ug/l	100
3) Chloromethane	2.12	50	52564	22.489	ug/l	98
4) Vinyl Chloride	2.26	62	60128	22.917	ug/l	98
5) Bromomethane	2.64	94	43124	19.673	ug/l	99
6) Chloroethane	2.79	64	35609	22.771	ug/l	100
7) Trichlorofluoromethane	3.13	101	72763	21.849	ug/l	99
8) Diethyl Ether	3.54	74	23105	22.624	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	3.90	101	41804	22.712	ug/l	99
10) Methyl Iodide	4.10	142	42353	24.958	ug/l	99
11) Tert butyl alcohol	4.94	59	65442	289.672	ug/l #	87
12) 1,1-Dichloroethene	3.87	96	40018	21.852	ug/l	98
13) Acrolein	3.74	56	17200	90.093	ug/l	97
14) Allyl chloride	4.49	41	72770	21.780	ug/l	99
15) Acrylonitrile	5.17	53	58110	106.598	ug/l	99
16) Acetone	3.96	43	73543	96.909	ug/l	99
17) Carbon Disulfide	4.20	76	121818	20.533	ug/l	97
18) Methyl Acetate	4.48	43	32450	22.627	ug/l	99
19) Methyl tert-butyl Ether	5.23	73	104505	23.040	ug/l	99
20) Methylene Chloride	4.72	84	48159	22.534	ug/l	98
21) trans-1,2-Dichloroethene	5.22	96	46533	21.944	ug/l	99
22) Diisopropyl ether	6.13	45	135371	23.100	ug/l	96
23) Vinyl Acetate	6.07	43	483576	109.810	ug/l	98
24) 1,1-Dichloroethane	6.03	63	83829	22.511	ug/l	98
25) 2-Butanone	7.00	43	99294	104.614	ug/l	98
26) 2,2-Dichloropropane	6.99	77	78680	22.679	ug/l	99
27) cis-1,2-Dichloroethene	6.99	96	51222	22.292	ug/l	97
28) Bromochloromethane	7.34	49	37866	20.212	ug/l	97
29) Tetrahydrofuran	7.35	42	53270	107.407	ug/l	98
30) Chloroform	7.51	83	83749	22.897	ug/l	96
31) Cyclohexane	7.79	56	73068	21.191	ug/l	96
32) 1,1,1-Trichloroethane	7.71	97	77218	22.630	ug/l	99
36) 1,1-Dichloropropene	7.93	75	65890	22.108	ug/l	98
37) Ethyl Acetate	7.08	43	40480	21.873	ug/l	98
38) Carbon Tetrachloride	7.90	117	69516	22.483	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.18	83	73707	22.210	ug/l	95
40) Benzene	8.16	78	187073	22.555	ug/l	97
41) Methacrylonitrile	7.32	41	21153m	21.404	ug/l	
42) 1,2-Dichloroethane	8.24	62	58832	22.638	ug/l	99
43) Isopropyl Acetate	8.27	43	73832	22.198	ug/l	99
44) Trichloroethene	8.94	130	54126	23.246	ug/l	97
45) 1,2-Dichloropropane	9.22	63	48332	23.075	ug/l	100
46) Dibromomethane	9.31	93	26246	22.776	ug/l	98
47) Bromodichloromethane	9.50	83	66662	23.635	ug/l	100
48) Methyl methacrylate	9.29	41	34258	21.865	ug/l	96
49) 1,4-Dioxane	9.30	88	6595	458.671	ug/l	98
51) 4-Methyl-2-Pentanone	10.07	43	198068	111.770	ug/l	99
52) Toluene	10.24	92	117855	22.718	ug/l	100
53) t-1,3-Dichloropropene	10.47	75	68592	22.852	ug/l	97
54) cis-1,3-Dichloropropene	9.92	75	77913	23.067	ug/l	98
55) 1,1,2-Trichloroethane	10.64	97	37435	22.885	ug/l	98
56) Ethyl methacrylate	10.51	69	49450	22.569	ug/l	99
57) 1,3-Dichloropropane	10.79	76	64947	22.833	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.78	63	130079	117.110	ug/l	99
59) 2-Hexanone	10.83	43	142207	108.383	ug/l	100
60) Dibromochloromethane	10.99	129	47199	23.476	ug/l	100
61) 1,2-Dibromoethane	11.09	107	35411	22.423	ug/l	99
64) Tetrachloroethene	10.72	164	51405	23.907	ug/l	97
65) Chlorobenzene	11.52	112	127506	22.795	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.59	131	49415	23.425	ug/l	99
67) Ethyl Benzene	11.59	91	231927	22.866	ug/l	100
68) m/p-Xylenes	11.70	106	173292	45.085	ug/l	99
69) o-Xylene	12.03	106	79696	22.540	ug/l	97
70) Styrene	12.04	104	138539	23.077	ug/l	100
71) Bromoform	12.20	173	31939	22.715	ug/l	99
73) Isopropylbenzene	12.33	105	223835	22.030	ug/l	100
74) N-amyl acetate	12.14	43	63285	21.989	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.58	83	46487	21.421	ug/l	98
76) 1,2,3-Trichloropropane	12.63	75	37544m	22.813	ug/l	
77) Bromobenzene	12.61	156	58013	22.473	ug/l	99
78) n-propylbenzene	12.67	91	264311	22.085	ug/l	99
79) 2-Chlorotoluene	12.75	91	148233	22.170	ug/l	100
80) 1,3,5-Trimethylbenzene	12.81	105	189890	22.557	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.38	75	16504	20.931	ug/l	98
82) 4-Chlorotoluene	12.85	91	157601	22.555	ug/l	100
83) tert-Butylbenzene	13.07	119	165533	22.171	ug/l	97
84) 1,2,4-Trimethylbenzene	13.12	105	190016	22.585	ug/l	99
85) sec-Butylbenzene	13.25	105	226652	22.420	ug/l	99
86) p-Isopropyltoluene	13.36	119	210210	22.421	ug/l	99
87) 1,3-Dichlorobenzene	13.36	146	110098	22.895	ug/l	98
88) 1,4-Dichlorobenzene	13.44	146	108348	22.658	ug/l	98
89) n-Butylbenzene	13.69	91	192605	22.492	ug/l	99
90) Hexachloroethane	13.95	117	35446	22.464	ug/l	100
91) 1,2-Dichlorobenzene	13.74	146	97317	22.780	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.35	75	8409	21.405	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.00	180	72011	23.831	ug/l	99
94) Hexachlorobutadiene	15.11	225	46153	23.743	ug/l	98
95) Naphthalene	15.23	128	134730	22.266	ug/l	99
96) 1,2,3-Trichlorobenzene	15.42	180	62912	23.145	ug/l	99

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

