

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY111220\
 Data File : VY003525.D
 Acq On : 12 Nov 2020 11:06
 Operator : SY/MD
 Sample : VY1112SBS01
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1112SBS01

Manual Integrations
 APPROVED

SAM
 11/13/2020 6:13:43 PM

Quant Time: Nov 13 02:13:23 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	224283	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	315269	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	289158	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	153918	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.14	65	109766	47.74	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.48%	
35) Dibromofluoromethane	7.72	113	95939	50.01	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.02%	
50) Toluene-d8	10.18	98	385372	48.29	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.58%	
62) 4-Bromofluorobenzene	12.48	95	130641	49.40	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.80%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.91	85	38764	21.844	ug/l	99
3) Chloromethane	2.12	50	52437	22.446	ug/l	99
4) Vinyl Chloride	2.26	62	58337	22.246	ug/l	98
5) Bromomethane	2.65	94	43005	19.628	ug/l	99
6) Chloroethane	2.80	64	35211	22.528	ug/l	100
7) Trichlorofluoromethane	3.13	101	73163	21.980	ug/l	100
8) Diethyl Ether	3.54	74	22779	22.316	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.91	101	41176	22.382	ug/l	99
10) Methyl Iodide	4.10	142	41142	24.386	ug/l	99
11) Tert butyl alcohol	4.95	59	45642	195.204	ug/l #	91
12) 1,1-Dichloroethene	3.88	96	40501	22.127	ug/l	98
13) Acrolein	3.74	56	16221	85.008	ug/l	97
14) Allyl chloride	4.49	41	72536	21.721	ug/l	99
15) Acrylonitrile	5.17	53	57902	106.270	ug/l	99
16) Acetone	3.95	43	74472	98.182	ug/l	95
17) Carbon Disulfide	4.20	76	121933	20.563	ug/l	100
18) Methyl Acetate	4.48	43	32052	22.361	ug/l	98
19) Methyl tert-butyl Ether	5.22	73	104106	22.963	ug/l	100
20) Methylene Chloride	4.72	84	47855	22.403	ug/l	97
21) trans-1,2-Dichloroethene	5.22	96	46860	22.109	ug/l	98
22) Diisopropyl ether	6.12	45	135894	23.201	ug/l	97
23) Vinyl Acetate	6.07	43	482461	109.612	ug/l	100
24) 1,1-Dichloroethane	6.02	63	83405	22.408	ug/l	98
25) 2-Butanone	6.99	43	99288	104.660	ug/l	100
26) 2,2-Dichloropropane	6.99	77	81796	23.589	ug/l	98
27) cis-1,2-Dichloroethene	6.99	96	52092	22.682	ug/l	98
28) Bromochloromethane	7.34	49	37710	20.139	ug/l	98
29) Tetrahydrofuran	7.35	42	52196	105.295	ug/l	99
30) Chloroform	7.51	83	83748	22.908	ug/l	96
31) Cyclohexane	7.78	56	71911	20.866	ug/l	96
32) 1,1,1-Trichloroethane	7.71	97	78051	22.885	ug/l	99
36) 1,1-Dichloropropene	7.92	75	66785	22.468	ug/l	100
37) Ethyl Acetate	7.08	43	39039	21.150	ug/l	99
38) Carbon Tetrachloride	7.90	117	70177	22.757	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.18	83	72368	21.865	ug/l	99
40) Benzene	8.16	78	186220	22.512	ug/l	99
41) Methacrylonitrile	7.32	41	17866m	18.126	ug/l	
42) 1,2-Dichloroethane	8.24	62	59095	22.799	ug/l	100
43) Isopropyl Acetate	8.27	43	73406	22.129	ug/l	99
44) Trichloroethene	8.94	130	53155	22.889	ug/l	97
45) 1,2-Dichloropropane	9.22	63	47524	22.749	ug/l	99
46) Dibromomethane	9.31	93	25966	22.593	ug/l	97
47) Bromodichloromethane	9.50	83	66511	23.644	ug/l	99
48) Methyl methacrylate	9.29	41	33894	21.691	ug/l	98
49) 1,4-Dioxane	9.30	88	6368	444.062	ug/l	97
51) 4-Methyl-2-Pentanone	10.07	43	196020	110.908	ug/l	99
52) Toluene	10.24	92	118291	22.863	ug/l	100
53) t-1,3-Dichloropropene	10.47	75	68732	22.960	ug/l	97
54) cis-1,3-Dichloropropene	9.92	75	78089	23.181	ug/l	98
55) 1,1,2-Trichloroethane	10.64	97	37169	22.782	ug/l	97
56) Ethyl methacrylate	10.51	69	49104	22.471	ug/l	99
57) 1,3-Dichloropropane	10.79	76	65645	23.140	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.78	63	124838	112.691	ug/l	99
59) 2-Hexanone	10.83	43	141243	107.935	ug/l	99
60) Dibromochloromethane	10.98	129	47203	23.540	ug/l	100
61) 1,2-Dibromoethane	11.09	107	35027	22.239	ug/l	100
64) Tetrachloroethene	10.72	164	50884	23.563	ug/l	99
65) Chlorobenzene	11.52	112	128623	22.896	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.59	131	50334	23.759	ug/l	99
67) Ethyl Benzene	11.59	91	232214	22.797	ug/l	99
68) m/p-Xylenes	11.70	106	176861	45.817	ug/l	99
69) o-Xylene	12.03	106	81101	22.840	ug/l	98
70) Styrene	12.04	104	140228	23.258	ug/l	100
71) Bromoform	12.20	173	32369	22.922	ug/l #	99
73) Isopropylbenzene	12.33	105	225020	22.380	ug/l	99
74) N-amyl acetate	12.14	43	62315	21.880	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.58	83	45837	21.343	ug/l	100
76) 1,2,3-Trichloropropane	12.63	75	30858m	18.948	ug/l	
77) Bromobenzene	12.61	156	59135	23.149	ug/l	96
78) n-propylbenzene	12.67	91	265438	22.413	ug/l	99
79) 2-Chlorotoluene	12.75	91	149264	22.559	ug/l	100
80) 1,3,5-Trimethylbenzene	12.81	105	191629	23.003	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.38	75	16646	21.334	ug/l	98
82) 4-Chlorotoluene	12.85	91	158600	22.937	ug/l	100
83) tert-Butylbenzene	13.07	119	164768	22.301	ug/l	97
84) 1,2,4-Trimethylbenzene	13.12	105	190942	22.934	ug/l	100
85) sec-Butylbenzene	13.25	105	228555	22.846	ug/l	100
86) p-Isopropyltoluene	13.37	119	213744	23.038	ug/l	100
87) 1,3-Dichlorobenzene	13.36	146	108676	22.837	ug/l	100
88) 1,4-Dichlorobenzene	13.44	146	108734	22.978	ug/l	99
89) n-Butylbenzene	13.69	91	196467	23.184	ug/l	100
90) Hexachloroethane	13.95	117	36047	23.086	ug/l	98
91) 1,2-Dichlorobenzene	13.73	146	98508	23.302	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.35	75	8369	21.527	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.00	180	73056	24.431	ug/l	99
94) Hexachlorobutadiene	15.11	225	47363	24.622	ug/l	99
95) Naphthalene	15.23	128	133292	22.260	ug/l	100
96) 1,2,3-Trichlorobenzene	15.42	180	64504	23.981	ug/l	99

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

