

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY110420\
 Data File : VY003507.D
 Acq On : 04 Nov 2020 12:24
 Operator : SY/MD
 Sample : VY1104SBS01
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1104SBS01

Manual Integrations
 APPROVED

MMDadoda
 11/5/2020 7:01:52 PM

Quant Time: Nov 05 00:40:07 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	222080	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	322586	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	294147	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	158611	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.15	65	118320	51.97	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.94%	
35) Dibromofluoromethane	7.73	113	100688	51.29	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.58%	
50) Toluene-d8	10.18	98	408531	50.03	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.06%	
62) 4-Bromofluorobenzene	12.48	95	137746	50.91	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.82%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.91	85	37164	21.150	ug/l	97
3) Chloromethane	2.12	50	49230	21.282	ug/l	99
4) Vinyl Chloride	2.26	62	54612	21.032	ug/l	99
5) Bromomethane	2.65	94	44571	20.545	ug/l	100
6) Chloroethane	2.80	64	35056	22.651	ug/l	98
7) Trichlorofluoromethane	3.13	101	71883	21.810	ug/l	99
8) Diethyl Ether	3.54	74	23769	23.517	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	3.91	101	41389	22.721	ug/l	98
10) Methyl Iodide	4.10	142	40398	24.221	ug/l	99
11) Tert butyl alcohol	4.97	59	31702	130.086	ug/l #	94
12) 1,1-Dichloroethene	3.88	96	38848	21.434	ug/l	94
13) Acrolein	3.74	56	19561	103.528	ug/l	99
14) Allyl chloride	4.49	41	72768	22.007	ug/l	99
15) Acrylonitrile	5.18	53	57760	107.061	ug/l	100
16) Acetone	3.96	43	71028	94.571	ug/l	96
17) Carbon Disulfide	4.20	76	127175	21.659	ug/l	99
18) Methyl Acetate	4.49	43	30170	21.257	ug/l	100
19) Methyl tert-butyl Ether	5.24	73	103853	23.135	ug/l	98
20) Methylene Chloride	4.72	84	49245	23.282	ug/l	93
21) trans-1,2-Dichloroethene	5.23	96	46494	22.154	ug/l	98
22) Diisopropyl ether	6.13	45	138677	23.911	ug/l	96
23) Vinyl Acetate	6.07	43	498546	114.390	ug/l	99
24) 1,1-Dichloroethane	6.03	63	84253	22.861	ug/l	99
25) 2-Butanone	7.00	43	95389	101.548	ug/l	100
26) 2,2-Dichloropropane	6.99	77	76830	22.377	ug/l	100
27) cis-1,2-Dichloroethene	6.99	96	51213	22.520	ug/l	98
28) Bromochloromethane	7.34	49	37735	20.352	ug/l	98
29) Tetrahydrofuran	7.36	42	53155	108.293	ug/l	99
30) Chloroform	7.52	83	83606	23.096	ug/l	100
31) Cyclohexane	7.79	56	73489	21.535	ug/l	92
32) 1,1,1-Trichloroethane	7.71	97	75868	22.466	ug/l	99
36) 1,1-Dichloropropene	7.93	75	65987	21.696	ug/l	99
37) Ethyl Acetate	7.08	43	41872	22.171	ug/l	99
38) Carbon Tetrachloride	7.91	117	67889	21.516	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.19	83	72901	21.526	ug/l	96
40) Benzene	8.17	78	189925	22.439	ug/l	100
41) Methacrylonitrile	7.32	41	19178	19.016	ug/l #	100
42) 1,2-Dichloroethane	8.24	62	60460	22.797	ug/l	99
43) Isopropyl Acetate	8.28	43	74798	22.037	ug/l	100
44) Trichloroethene	8.94	130	53269	22.418	ug/l	99
45) 1,2-Dichloropropane	9.22	63	48926	22.889	ug/l	98
46) Dibromomethane	9.31	93	26534	22.563	ug/l	100
47) Bromodichloromethane	9.50	83	66227	23.009	ug/l	100
48) Methyl methacrylate	9.30	41	34220	21.403	ug/l	96
49) 1,4-Dioxane	9.30	88	5886	401.141	ug/l	92
51) 4-Methyl-2-Pentanone	10.07	43	199872	110.523	ug/l	98
52) Toluene	10.25	92	117856	22.262	ug/l	100
53) t-1,3-Dichloropropene	10.47	75	70068	22.875	ug/l	99
54) cis-1,3-Dichloropropene	9.93	75	79772	23.144	ug/l	100
55) 1,1,2-Trichloroethane	10.64	97	37913	22.711	ug/l	98
56) Ethyl methacrylate	10.51	69	50555	22.610	ug/l	99
57) 1,3-Dichloropropane	10.79	76	65804	22.670	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.78	63	127139	112.164	ug/l	99
59) 2-Hexanone	10.83	43	140472	104.911	ug/l	97
60) Dibromochloromethane	10.99	129	46785	22.803	ug/l	100
61) 1,2-Dibromoethane	11.09	107	35862	22.252	ug/l	99
64) Tetrachloroethene	10.72	164	49117	22.359	ug/l	97
65) Chlorobenzene	11.52	112	131050	22.933	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.59	131	48960	22.718	ug/l	99
67) Ethyl Benzene	11.59	91	230608	22.255	ug/l	98
68) m/p-Xylenes	11.70	106	175244	44.628	ug/l	100
69) o-Xylene	12.03	106	81413	22.539	ug/l	98
70) Styrene	12.04	104	139531	22.750	ug/l	100
71) Bromoform	12.20	173	32001	22.277	ug/l #	98
73) Isopropylbenzene	12.33	105	220972	21.327	ug/l	100
74) N-amyl acetate	12.14	43	64689	22.042	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.58	83	48421	21.879	ug/l	97
76) 1,2,3-Trichloropropane	12.63	75	32304m	19.249	ug/l	
77) Bromobenzene	12.61	156	58516	22.229	ug/l	99
78) n-propylbenzene	12.67	91	264442	21.668	ug/l	100
79) 2-Chlorotoluene	12.75	91	148979	21.849	ug/l	100
80) 1,3,5-Trimethylbenzene	12.81	105	191865	22.350	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.38	75	16335	20.316	ug/l	100
82) 4-Chlorotoluene	12.85	91	157084	22.046	ug/l	100
83) tert-Butylbenzene	13.07	119	164809	21.647	ug/l	98
84) 1,2,4-Trimethylbenzene	13.12	105	191167	22.281	ug/l	99
85) sec-Butylbenzene	13.25	105	224096	21.738	ug/l	99
86) p-Isopropyltoluene	13.36	119	210270	21.993	ug/l	100
87) 1,3-Dichlorobenzene	13.36	146	110160	22.464	ug/l	99
88) 1,4-Dichlorobenzene	13.44	146	108411	22.232	ug/l	98
89) n-Butylbenzene	13.69	91	191535	21.933	ug/l	100
90) Hexachloroethane	13.95	117	35117	21.825	ug/l	97
91) 1,2-Dichlorobenzene	13.73	146	98478	22.606	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.35	75	8327	20.785	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.00	180	71098	23.073	ug/l	100
94) Hexachlorobutadiene	15.11	225	44759	22.580	ug/l	99
95) Naphthalene	15.23	128	131801	21.360	ug/l	99
96) 1,2,3-Trichlorobenzene	15.42	180	63975	23.080	ug/l	99

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

