

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY010220\
 Data File : VY001141.D
 Acq On : 02 Jan 2020 17:53
 Operator : SY/MD
 Sample : VY0102SBS01
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0102SBS01

Manual Integrations
 APPROVED

apatel
 1/3/2020 11:13:35 AM

Quant Time: Jan 02 23:48:51 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y010220S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 02 13:16:38 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	364958	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	601552	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	532793	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	253326	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.15	65	151181	49.75	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.50%	
35) Dibromofluoromethane	7.73	113	165402	48.35	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.70%	
50) Toluene-d8	10.18	98	672665	53.79	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.58%	
62) 4-Bromofluorobenzene	12.48	95	226581	47.64	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.28%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.90	85	46124	17.162	ug/l	93
3) Chloromethane	2.12	50	28767	15.421	ug/l	90
4) Vinyl Chloride	2.25	62	34711	18.302	ug/l	97
5) Bromomethane	2.65	94	26977	19.583	ug/l	95
6) Chloroethane	2.79	64	23241	18.057	ug/l	98
7) Trichlorofluoromethane	3.13	101	75773	14.844	ug/l	95
8) Diethyl Ether	3.54	74	27853	17.730	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	3.90	101	62604	19.508	ug/l	97
10) Methyl Iodide	4.10	142	86337	17.753	ug/l	98
11) Tert butyl alcohol	4.98	59	25314	88.433	ug/l #	90
12) 1,1-Dichloroethene	3.88	96	63199	19.086	ug/l	96
13) Acrolein	3.74	56	34622	132.053	ug/l	99
14) Allyl chloride	4.49	41	68523	18.501	ug/l	99
15) Acrylonitrile	5.18	53	77881	95.454	ug/l	99
16) Acetone	3.96	43	48878	99.043	ug/l	91
17) Carbon Disulfide	4.20	76	187862	19.119	ug/l	99
18) Methyl Acetate	4.49	43	34021	19.360	ug/l	96
19) Methyl tert-butyl Ether	5.24	73	152295	18.450	ug/l	96
20) Methylene Chloride	4.73	84	81074	20.273	ug/l	93
21) trans-1,2-Dichloroethene	5.23	96	70970	18.666	ug/l	98
22) Diisopropyl ether	6.13	45	145766	19.447	ug/l	95
23) Vinyl Acetate	6.07	43	452170	93.277	ug/l	99
24) 1,1-Dichloroethane	6.03	63	98938	19.095	ug/l	95
25) 2-Butanone	7.00	43	81976	85.662	ug/l	96
26) 2,2-Dichloropropane	7.00	77	94168	16.846	ug/l	98
27) cis-1,2-Dichloroethene	7.00	96	86899	19.454	ug/l	99
28) Bromochloromethane	7.35	49	38600	19.875	ug/l	99
29) Tetrahydrofuran	7.36	42	53635	83.340	ug/l	99
30) Chloroform	7.52	83	105752	16.721	ug/l	100
31) Cyclohexane	7.79	56	98841	16.452	ug/l	96
32) 1,1,1-Trichloroethane	7.72	97	95027	16.095	ug/l	99
36) 1,1-Dichloropropene	7.93	75	84917	16.180	ug/l	99
37) Ethyl Acetate	7.08	43	37607	17.227	ug/l	98
38) Carbon Tetrachloride	7.91	117	85591	15.696	ug/l	94

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.19	83	119290	16.406	ug/l	96
40) Benzene	8.17	78	264506	16.370	ug/l	100
41) Methacrylonitrile	7.33	41	17391m	18.303	ug/l	
42) 1,2-Dichloroethane	8.25	62	62162	16.165	ug/l	97
43) Isopropyl Acetate	8.28	43	68939	16.072	ug/l	99
44) Trichloroethene	8.94	130	81427	16.843	ug/l	95
45) 1,2-Dichloropropane	9.22	63	60369	16.822	ug/l	96
46) Dibromomethane	9.31	93	35094	16.603	ug/l	98
47) Bromodichloromethane	9.50	83	79401	16.696	ug/l	95
48) Methyl methacrylate	9.30	41	29864	16.344	ug/l	98
49) 1,4-Dioxane	9.30	88	9630	302.896	ug/l #	96
51) 4-Methyl-2-Pentanone	10.07	43	179253	88.617	ug/l	99
52) Toluene	10.24	92	167869	17.059	ug/l	99
53) t-1,3-Dichloropropene	10.47	75	84371	16.984	ug/l	95
54) cis-1,3-Dichloropropene	9.93	75	100592	17.237	ug/l	97
55) 1,1,2-Trichloroethane	10.64	97	51566	16.876	ug/l	96
56) Ethyl methacrylate	10.51	69	70196	17.925	ug/l	99
57) 1,3-Dichloropropane	10.79	76	85768	17.968	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.78	63	156149	111.254	ug/l	97
59) 2-Hexanone	10.83	43	122587	89.702	ug/l	100
60) Dibromochloromethane	10.99	129	59101	16.892	ug/l	99
61) 1,2-Dibromoethane	11.09	107	51363	17.288	ug/l	95
64) Tetrachloroethene	10.72	164	85431	17.088	ug/l	99
65) Chlorobenzene	11.52	112	210191	18.549	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.59	131	63539	15.911	ug/l	99
67) Ethyl Benzene	11.59	91	323414	16.381	ug/l	99
68) m/p-Xylenes	11.70	106	253517	32.475	ug/l	98
69) o-Xylene	12.03	106	119441	16.115	ug/l	99
70) Styrene	12.04	104	202068	16.108	ug/l	99
71) Bromoform	12.20	173	36099	15.353	ug/l #	97
73) Isopropylbenzene	12.33	105	311152	16.288	ug/l	99
74) N-amyl acetate	12.14	43	60433	16.685	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.58	83	54871	16.252	ug/l	98
76) 1,2,3-Trichloropropane	12.63	75	39249m	14.647	ug/l	
77) Bromobenzene	12.61	156	74935	16.225	ug/l	99
78) n-propylbenzene	12.67	91	368398	16.311	ug/l	99
79) 2-Chlorotoluene	12.75	91	205900	16.472	ug/l	99
80) 1,3,5-Trimethylbenzene	12.81	105	264778	16.384	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.38	75	20786	16.080	ug/l	96
82) 4-Chlorotoluene	12.85	91	211083	16.428	ug/l	99
83) tert-Butylbenzene	13.07	119	223830	16.255	ug/l	99
84) 1,2,4-Trimethylbenzene	13.12	105	266005	16.440	ug/l	99
85) sec-Butylbenzene	13.25	105	311379	16.146	ug/l	98
86) p-Isopropyltoluene	13.37	119	288541	16.614	ug/l	99
87) 1,3-Dichlorobenzene	13.36	146	147707	17.087	ug/l	99
88) 1,4-Dichlorobenzene	13.44	146	167858	19.287	ug/l	99
89) n-Butylbenzene	13.69	91	270009	16.563	ug/l	100
90) Hexachloroethane	13.96	117	50868	15.812	ug/l	100
91) 1,2-Dichlorobenzene	13.74	146	175836	22.179	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.36	75	9172	15.400	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	95888	17.560	ug/l	98
94) Hexachlorobutadiene	15.11	225	46061	16.655	ug/l	96
95) Naphthalene	15.23	128	223246	17.914	ug/l	99
96) 1,2,3-Trichlorobenzene	15.42	180	84623	17.317	ug/l	97

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

