

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY030420\
 Data File : VY001850.D
 Acq On : 04 Mar 2020 14:02
 Operator : SY/MD
 Sample : VY0304SBS01
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0304SBS01

Manual Integrations
 APPROVED

MMDadoda
 3/5/2020 1:37:18 PM

Quant Time: Mar 05 04:30:25 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y030420S.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 05 04:05:33 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.81	168	179941	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.71	114	330936	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	293485	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.44	152	136412	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.16	65	101281	52.72	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.44%	
35) Dibromofluoromethane	7.74	113	93860	51.94	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.88%	
50) Toluene-d8	10.19	98	396523	52.04	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.08%	
62) 4-Bromofluorobenzene	12.49	95	136062	51.35	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.70%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.91	85	33699	20.289	ug/l	96
3) Chloromethane	2.13	50	47929	21.403	ug/l	98
4) Vinyl Chloride	2.26	62	47745	20.961	ug/l	97
5) Bromomethane	2.66	94	31507	20.193	ug/l	95
6) Chloroethane	2.81	64	30260	21.148	ug/l	97
7) Trichlorofluoromethane	3.14	101	63424	20.531	ug/l	98
8) Diethyl Ether	3.55	74	25592	21.019	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	3.92	101	40693	20.480	ug/l	99
10) Methyl Iodide	4.11	142	45492	19.798	ug/l	100
11) Tert butyl alcohol	4.99	59	26206	119.284	ug/l #	87
12) 1,1-Dichloroethene	3.89	96	41961	20.974	ug/l	97
13) Acrolein	3.75	56	29044	107.592	ug/l	96
14) Allyl chloride	4.50	41	75190	21.200	ug/l	99
15) Acrylonitrile	5.19	53	68642	105.504	ug/l	100
16) Acetone	3.97	43	57856	103.405	ug/l	99
17) Carbon Disulfide	4.22	76	138659	20.617	ug/l	99
18) Methyl Acetate	4.50	43	29246	20.343	ug/l	100
19) Methyl tert-butyl Ether	5.25	73	114635	21.144	ug/l	96
20) Methylene Chloride	4.74	84	49575	20.674	ug/l	95
21) trans-1,2-Dichloroethene	5.24	96	47569	20.948	ug/l	98
22) Diisopropyl ether	6.14	45	153172	21.069	ug/l	96
23) Vinyl Acetate	6.09	43	502164	105.362	ug/l	100
24) 1,1-Dichloroethane	6.05	63	81881	20.798	ug/l	97
25) 2-Butanone	7.01	43	88946	104.537	ug/l	100
26) 2,2-Dichloropropane	7.00	77	67688	20.947	ug/l	98
27) cis-1,2-Dichloroethene	7.01	96	51281	20.761	ug/l	99
28) Bromochloromethane	7.36	49	35670	20.101	ug/l	100
29) Tetrahydrofuran	7.36	42	58174	102.958	ug/l	98
30) Chloroform	7.53	83	75382	20.379	ug/l	96
31) Cyclohexane	7.80	56	85971	20.366	ug/l	93
32) 1,1,1-Trichloroethane	7.72	97	65347	20.961	ug/l	99
36) 1,1-Dichloropropene	7.94	75	64711	20.320	ug/l	98
37) Ethyl Acetate	7.10	43	38411	20.753	ug/l	99
38) Carbon Tetrachloride	7.92	117	55847	20.528	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.19	83	86545	20.490	ug/l	98
40) Benzene	8.18	78	192312	20.374	ug/l	99
41) Methacrylonitrile	7.34	41	17218m	20.670	ug/l	
42) 1,2-Dichloroethane	8.25	62	51460	21.157	ug/l	100
43) Isopropyl Acetate	8.29	43	71653	20.447	ug/l	100
44) Trichloroethene	8.96	130	46427	20.196	ug/l	95
45) 1,2-Dichloropropane	9.23	63	48563	20.466	ug/l	99
46) Dibromomethane	9.32	93	24749	20.240	ug/l	100
47) Bromodichloromethane	9.51	83	58140	20.440	ug/l	98
48) Methyl methacrylate	9.30	41	32314	20.781	ug/l	96
49) 1,4-Dioxane	9.31	88	6968	415.871	ug/l	91
51) 4-Methyl-2-Pentanone	10.08	43	184365	102.144	ug/l	99
52) Toluene	10.25	92	118994	20.752	ug/l	98
53) t-1,3-Dichloropropene	10.47	75	63217	20.399	ug/l	97
54) cis-1,3-Dichloropropene	9.94	75	75009	20.332	ug/l	99
55) 1,1,2-Trichloroethane	10.66	97	36412	20.347	ug/l	99
56) Ethyl methacrylate	10.52	69	53485	20.391	ug/l	96
57) 1,3-Dichloropropane	10.80	76	65479	20.527	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.80	63	133029	129.596	ug/l	100
59) 2-Hexanone	10.85	43	134095	104.088	ug/l	98
60) Dibromochloromethane	10.99	129	38172	20.243	ug/l	100
61) 1,2-Dibromoethane	11.10	107	34338	20.257	ug/l	100
64) Tetrachloroethene	10.73	164	37812	20.544	ug/l	94
65) Chlorobenzene	11.53	112	120960	20.685	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.60	131	40192	20.959	ug/l	99
67) Ethyl Benzene	11.60	91	224665	20.600	ug/l	99
68) m/p-Xylenes	11.71	106	167414	41.520	ug/l	99
69) o-Xylene	12.04	106	78792	20.733	ug/l	100
70) Styrene	12.05	104	136402	20.956	ug/l	100
71) Bromoform	12.22	173	21361	20.540	ug/l #	99
73) Isopropylbenzene	12.34	105	211703	20.330	ug/l	99
74) N-amyl acetate	12.15	43	66151	20.669	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.59	83	46127	20.541	ug/l	99
76) 1,2,3-Trichloropropane	12.64	75	36079m	22.290	ug/l	
77) Bromobenzene	12.62	156	44379	20.115	ug/l	100
78) n-propylbenzene	12.68	91	265597	20.674	ug/l	100
79) 2-Chlorotoluene	12.77	91	146623	20.658	ug/l	99
80) 1,3,5-Trimethylbenzene	12.82	105	177826	20.743	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.39	75	16338	20.389	ug/l	97
82) 4-Chlorotoluene	12.86	91	152091	20.580	ug/l	99
83) tert-Butylbenzene	13.08	119	147627	20.733	ug/l	99
84) 1,2,4-Trimethylbenzene	13.13	105	175971	20.684	ug/l	99
85) sec-Butylbenzene	13.26	105	219727	20.936	ug/l	99
86) p-Isopropyltoluene	13.38	119	191326	21.133	ug/l	99
87) 1,3-Dichlorobenzene	13.38	146	90010	20.819	ug/l	99
88) 1,4-Dichlorobenzene	13.45	146	89877	20.492	ug/l	97
89) n-Butylbenzene	13.70	91	198090	21.089	ug/l	99
90) Hexachloroethane	13.97	117	35245	20.636	ug/l	97
91) 1,2-Dichlorobenzene	13.75	146	81531	20.758	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.37	75	7282	20.781	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.02	180	54356	21.340	ug/l	99
94) Hexachlorobutadiene	15.12	225	25827	20.797	ug/l	100
95) Naphthalene	15.25	128	124642	20.630	ug/l	100
96) 1,2,3-Trichlorobenzene	15.44	180	47006	20.948	ug/l	100

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

