

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY102219\
 Data File : VY000360.D
 Acq On : 22 Oct 2019 13:18
 Operator : SY/MD
 Sample : VY1022SBS01
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1022SBS01

Manual Integrations
 APPROVED

MMDadoda
 10/24/2019 4:34:09 PM

Quant Time: Oct 23 08:15:20 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y101119S.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 17 02:03:07 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	270013	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	441152	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	393123	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	194343	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.16	65	143891	50.52	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.04%	
35) Dibromofluoromethane	7.73	113	135746	51.01	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.02%	
50) Toluene-d8	10.19	98	539233	52.68	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.36%	
62) 4-Bromofluorobenzene	12.49	95	193243	49.69	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.38%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.90	85	51795	21.829	ug/l	96
3) Chloromethane	2.12	50	69694	21.123	ug/l	98
4) Vinyl Chloride	2.26	62	69456	20.858	ug/l	96
5) Bromomethane	2.64	94	50956	20.648	ug/l	94
6) Chloroethane	2.79	64	44700	20.805	ug/l	100
7) Trichlorofluoromethane	3.13	101	94332	20.710	ug/l	99
8) Diethyl Ether	3.54	74	33023	20.522	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.91	101	59048	21.376	ug/l	98
10) Methyl Iodide	4.10	142	74822	19.751	ug/l	99
11) Tert butyl alcohol	4.97	59	27264	91.469	ug/l	97
12) 1,1-Dichloroethene	3.88	96	56634	20.767	ug/l	87
13) Acrolein	3.74	56	26867	76.883	ug/l	100
14) Allyl chloride	4.49	41	90736	20.078	ug/l	99
15) Acrylonitrile	5.18	53	85472	94.900	ug/l	97
16) Acetone	3.96	43	69932	75.817	ug/l	95
17) Carbon Disulfide	4.19	76	169161	19.701	ug/l	98
18) Methyl Acetate	4.49	43	43900	19.156	ug/l	99
19) Methyl tert-butyl Ether	5.23	73	158864	20.926	ug/l	99
20) Methylene Chloride	4.72	84	69189	18.880	ug/l	98
21) trans-1,2-Dichloroethene	5.23	96	63885	20.419	ug/l #	91
22) Diisopropyl ether	6.13	45	202431	21.179	ug/l	97
23) Vinyl Acetate	6.08	43	633286	101.558	ug/l	100
24) 1,1-Dichloroethane	6.04	63	108919	20.877	ug/l	99
25) 2-Butanone	7.00	43	120999	93.124	ug/l	95
26) 2,2-Dichloropropane	7.00	77	105331	21.910	ug/l	97
27) cis-1,2-Dichloroethene	7.00	96	73013	21.566	ug/l	96
28) Bromochloromethane	7.34	49	42542	18.995	ug/l #	16
29) Tetrahydrofuran	7.36	42	76411	97.037	ug/l	98
30) Chloroform	7.52	83	110617	21.053	ug/l	97
31) Cyclohexane	7.80	56	110388	20.258	ug/l	93
32) 1,1,1-Trichloroethane	7.72	97	95872	20.524	ug/l	99
36) 1,1-Dichloropropene	7.93	75	88170	20.414	ug/l	99
37) Ethyl Acetate	7.09	43	51452	20.118	ug/l	99
38) Carbon Tetrachloride	7.91	117	85753	20.505	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.19	83	112767	19.948	ug/l	96
40) Benzene	8.17	78	257956	20.666	ug/l	99
41) Methacrylonitrile	7.33	41	27663m	22.724	ug/l	
42) 1,2-Dichloroethane	8.25	62	75415	21.152	ug/l	99
43) Isopropyl Acetate	8.28	43	95223	19.582	ug/l	98
44) Trichloroethene	8.95	130	71846	20.514	ug/l	99
45) 1,2-Dichloropropane	9.22	63	66237	21.624	ug/l	98
46) Dibromomethane	9.32	93	35214	20.565	ug/l	99
47) Bromodichloromethane	9.50	83	84382	20.910	ug/l	94
48) Methyl methacrylate	9.30	41	41739	19.585	ug/l	97
49) 1,4-Dioxane	9.32	88	9339	363.750	ug/l	95
51) 4-Methyl-2-Pentanone	10.08	43	256027	102.080	ug/l	100
52) Toluene	10.25	92	165465	20.880	ug/l	99
53) t-1,3-Dichloropropene	10.47	75	89781	20.760	ug/l	99
54) cis-1,3-Dichloropropene	9.94	75	102216	20.812	ug/l	98
55) 1,1,2-Trichloroethane	10.65	97	52407	21.050	ug/l	95
56) Ethyl methacrylate	10.52	69	71073	20.028	ug/l	96
57) 1,3-Dichloropropane	10.80	76	90719	21.217	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.79	63	173419	122.518	ug/l	99
59) 2-Hexanone	10.84	43	184016	104.527	ug/l	100
60) Dibromochloromethane	10.99	129	58398	21.163	ug/l	97
61) 1,2-Dibromoethane	11.10	107	48881	20.448	ug/l	99
64) Tetrachloroethene	10.72	164	79041	21.119	ug/l	96
65) Chlorobenzene	11.52	112	177056	21.341	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.60	131	61458	21.087	ug/l	99
67) Ethyl Benzene	11.60	91	319769	20.791	ug/l	96
68) m/p-Xylenes	11.70	106	242384	41.225	ug/l	99
69) o-Xylene	12.03	106	118404	21.110	ug/l	98
70) Styrene	12.05	104	195681	20.686	ug/l	99
71) Bromoform	12.21	173	35001	20.891	ug/l #	100
73) Isopropylbenzene	12.33	105	310843	20.513	ug/l	99
74) N-amyl acetate	12.14	43	86295	23.196	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.58	83	56293	19.785	ug/l	100
76) 1,2,3-Trichloropropane	12.64	75	47999m	20.085	ug/l	
77) Bromobenzene	12.61	156	70333	20.858	ug/l	97
78) n-propylbenzene	12.67	91	376684	20.704	ug/l	100
79) 2-Chlorotoluene	12.76	91	211078	21.007	ug/l	98
80) 1,3,5-Trimethylbenzene	12.81	105	263147	20.709	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.38	75	21385	19.579	ug/l	99
82) 4-Chlorotoluene	12.86	91	221741	20.877	ug/l	100
83) tert-Butylbenzene	13.08	119	222567	20.684	ug/l	99
84) 1,2,4-Trimethylbenzene	13.12	105	265307	21.155	ug/l	99
85) sec-Butylbenzene	13.25	105	323046	20.753	ug/l	98
86) p-Isopropyltoluene	13.37	119	288970	21.293	ug/l	100
87) 1,3-Dichlorobenzene	13.37	146	137781	20.738	ug/l	98
88) 1,4-Dichlorobenzene	13.45	146	139156	20.955	ug/l	99
89) n-Butylbenzene	13.70	91	280686	20.929	ug/l	99
90) Hexachloroethane	13.96	117	52507	20.894	ug/l	97
91) 1,2-Dichlorobenzene	13.74	146	127677	21.235	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.36	75	10748	19.918	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.01	180	90564	21.634	ug/l	97
94) Hexachlorobutadiene	15.11	225	47504	20.969	ug/l	98
95) Naphthalene	15.23	128	196199	21.002	ug/l	99
96) 1,2,3-Trichlorobenzene	15.42	180	79160	20.982	ug/l	96

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

