

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY072120\
 Data File : VY003255.D
 Acq On : 21 Jul 2020 17:41
 Operator : SY/MD
 Sample : VY0721SBS01
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0721SBS01

Manual Integrations
 APPROVED

MMDadoda
 7/22/2020 2:43:23 PM

Quant Time: Jul 22 03:42:46 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y071020S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 10 13:18:03 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	418949	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	615879	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	573299	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	310016	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.14	65	174970	49.48	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.96%	
35) Dibromofluoromethane	7.72	113	165537	46.71	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.42%	
50) Toluene-d8	10.18	98	615951	46.74	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.48%	
62) 4-Bromofluorobenzene	12.48	95	217408	45.67	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.34%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.90	85	71165	23.700	ug/l	100
3) Chloromethane	2.12	50	95063	22.824	ug/l	96
4) Vinyl Chloride	2.26	62	97118	22.726	ug/l	98
5) Bromomethane	2.65	94	75431	23.764	ug/l	98
6) Chloroethane	2.79	64	62781	22.367	ug/l	98
7) Trichlorofluoromethane	3.13	101	135869	22.263	ug/l	98
8) Diethyl Ether	3.54	74	47279	23.119	ug/l	91
9) 1,1,2-Trichlorotrifluoroet	3.90	101	80894	21.947	ug/l	100
10) Methyl Iodide	4.10	142	75240	18.789	ug/l	97
11) Tert butyl alcohol	4.97	59	46063	120.470	ug/l	98
12) 1,1-Dichloroethene	3.88	96	75772	21.735	ug/l	93
13) Acrolein	3.74	56	28677	86.408	ug/l	97
14) Allyl chloride	4.49	41	127124	24.575	ug/l	94
15) Acrylonitrile	5.18	53	119949	122.104	ug/l	100
16) Acetone	3.96	43	98271	124.417	ug/l	98
17) Carbon Disulfide	4.20	76	240126	22.447	ug/l	100
18) Methyl Acetate	4.49	43	55652	25.371	ug/l	95
19) Methyl tert-butyl Ether	5.23	73	222336	22.758	ug/l	99
20) Methylene Chloride	4.72	84	100157	22.141	ug/l	98
21) trans-1,2-Dichloroethene	5.22	96	86174	21.854	ug/l	99
22) Diisopropyl ether	6.13	45	276862	24.115	ug/l	97
23) Vinyl Acetate	6.07	43	898613	117.432	ug/l	99
24) 1,1-Dichloroethane	6.02	63	150720	22.660	ug/l	99
25) 2-Butanone	6.99	43	160866	124.042	ug/l	100
26) 2,2-Dichloropropane	6.99	77	135774	22.667	ug/l	98
27) cis-1,2-Dichloroethene	6.99	96	95560	22.011	ug/l	99
28) Bromochloromethane	7.35	49	66043	22.934	ug/l	95
29) Tetrahydrofuran	7.36	42	103706	119.036	ug/l	96
30) Chloroform	7.52	83	153805	22.452	ug/l	98
31) Cyclohexane	7.79	56	143398	22.295	ug/l	97
32) 1,1,1-Trichloroethane	7.71	97	137166	22.241	ug/l	98
36) 1,1-Dichloropropene	7.93	75	118920	21.305	ug/l	99
37) Ethyl Acetate	7.08	43	71333	23.730	ug/l	97
38) Carbon Tetrachloride	7.91	117	126735	21.993	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.19	83	147151	20.985	ug/l	95
40) Benzene	8.16	78	339920	22.116	ug/l	97
41) Methacrylonitrile	7.33	41	36891m	20.377	ug/l	
42) 1,2-Dichloroethane	8.24	62	104598	22.106	ug/l	99
43) Isopropyl Acetate	8.28	43	131948	22.677	ug/l	99
44) Trichloroethene	8.94	130	98333	20.870	ug/l	97
45) 1,2-Dichloropropane	9.22	63	90217	22.685	ug/l	97
46) Dibromomethane	9.31	93	51022	21.966	ug/l	99
47) Bromodichloromethane	9.50	83	122853	22.238	ug/l	100
48) Methyl methacrylate	9.30	41	60028	23.077	ug/l	96
49) 1,4-Dioxane	9.30	88	13216	448.301	ug/l	97
51) 4-Methyl-2-Pentanone	10.07	43	352362	116.510	ug/l	97
52) Toluene	10.24	92	213687	21.752	ug/l	99
53) t-1,3-Dichloropropene	10.47	75	126380	22.080	ug/l	99
54) cis-1,3-Dichloropropene	9.93	75	148479	22.514	ug/l	96
55) 1,1,2-Trichloroethane	10.64	97	72409	21.999	ug/l	96
56) Ethyl methacrylate	10.51	69	99778	22.297	ug/l	97
57) 1,3-Dichloropropane	10.79	76	127001	22.756	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.78	63	254108	111.343	ug/l	98
59) 2-Hexanone	10.83	43	245408	116.242	ug/l	99
60) Dibromochloromethane	10.99	129	90584	21.881	ug/l	99
61) 1,2-Dibromoethane	11.09	107	68788	21.175	ug/l	98
64) Tetrachloroethene	10.72	164	105503	20.639	ug/l	97
65) Chlorobenzene	11.52	112	235179	21.294	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.59	131	89704	20.912	ug/l	99
67) Ethyl Benzene	11.59	91	422248	21.413	ug/l	97
68) m/p-Xylenes	11.70	106	319170	42.657	ug/l	99
69) o-Xylene	12.03	106	150360	21.511	ug/l	99
70) Styrene	12.04	104	257957	21.573	ug/l	99
71) Bromoform	12.20	173	59591	21.166	ug/l #	100
73) Isopropylbenzene	12.33	105	409090	20.707	ug/l	100
74) N-amyl acetate	12.14	43	122412	22.083	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.58	83	83943	22.000	ug/l	99
76) 1,2,3-Trichloropropane	12.63	75	72793m	26.526	ug/l	
77) Bromobenzene	12.61	156	105806	21.010	ug/l	99
78) n-propylbenzene	12.67	91	490253	21.052	ug/l	99
79) 2-Chlorotoluene	12.75	91	270501	20.819	ug/l	98
80) 1,3,5-Trimethylbenzene	12.81	105	349952	21.253	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.38	75	29835	21.159	ug/l	98
82) 4-Chlorotoluene	12.85	91	284078	20.947	ug/l	100
83) tert-Butylbenzene	13.07	119	306168	21.073	ug/l	100
84) 1,2,4-Trimethylbenzene	13.12	105	349391	21.089	ug/l	100
85) sec-Butylbenzene	13.25	105	421793	21.122	ug/l	100
86) p-Isopropyltoluene	13.37	119	389755	20.903	ug/l	99
87) 1,3-Dichlorobenzene	13.36	146	199290	20.927	ug/l	99
88) 1,4-Dichlorobenzene	13.44	146	201872	21.411	ug/l	100
89) n-Butylbenzene	13.69	91	372868	21.260	ug/l	99
90) Hexachloroethane	13.96	117	73291	21.585	ug/l	98
91) 1,2-Dichlorobenzene	13.73	146	183787	21.991	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.36	75	14532	23.492	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.00	180	136290	22.924	ug/l	99
94) Hexachlorobutadiene	15.11	225	86338	21.193	ug/l	99
95) Naphthalene	15.23	128	245261	24.961	ug/l	99
96) 1,2,3-Trichlorobenzene	15.42	180	115712	24.621	ug/l	98

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

