

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY060320\
 Data File : VY002823.D
 Acq On : 03 Jun 2020 11:18
 Operator : SY/MD
 Sample : VY0603SBS01
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0603SBS01

Quant Time: Jun 03 17:03:57 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y052720S.M
 Quant Title : SW846 8260
 QLast Update : Wed May 27 13:13:33 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	338526	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	499187	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	459921	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.43	152	243462	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.14	65	145387	49.46	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.92%	
35) Dibromofluoromethane	7.72	113	152847	52.25	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.50%	
50) Toluene-d8	10.18	98	601947	50.89	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.78%	
62) 4-Bromofluorobenzene	12.49	95	209055	51.72	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.44%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.91	85	49390	21.203	ug/l	99
3) Chloromethane	2.12	50	55653	21.600	ug/l	98
4) Vinyl Chloride	2.26	62	61169	22.462	ug/l	96
5) Bromomethane	2.65	94	41809	20.487	ug/l	97
6) Chloroethane	2.80	64	38970	22.075	ug/l	99
7) Trichlorofluoromethane	3.13	101	101317	21.006	ug/l	98
8) Diethyl Ether	3.54	74	36592	19.430	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.91	101	62850	21.947	ug/l	99
10) Methyl Iodide	4.10	142	80239	20.025	ug/l	98
11) Tert butyl alcohol	4.97	59	32541	95.091	ug/l #	86
12) 1,1-Dichloroethene	3.88	96	62232	21.609	ug/l	97
13) Acrolein	3.74	56	30693	89.105	ug/l	98
14) Allyl chloride	4.49	41	91341	22.114	ug/l	99
15) Acrylonitrile	5.18	53	85338	100.443	ug/l	98
16) Acetone	3.96	43	67002	97.211	ug/l	97
17) Carbon Disulfide	4.20	76	181984	20.911	ug/l	99
18) Methyl Acetate	4.49	43	38760	21.867	ug/l	99
19) Methyl tert-butyl Ether	5.22	73	160137	20.142	ug/l	99
20) Methylene Chloride	4.72	84	76204	22.624	ug/l	94
21) trans-1,2-Dichloroethene	5.22	96	68998	21.304	ug/l	99
22) Diisopropyl ether	6.13	45	189977	22.133	ug/l	99
23) Vinyl Acetate	6.07	43	592632	104.578	ug/l	100
24) 1,1-Dichloroethane	6.02	63	109422	21.793	ug/l	99
25) 2-Butanone	7.00	43	104794	97.588	ug/l	98
26) 2,2-Dichloropropane	6.99	77	103062	21.402	ug/l	99
27) cis-1,2-Dichloroethene	6.99	96	77492	21.373	ug/l	99
28) Bromochloromethane	7.34	49	46228	22.428	ug/l	98
29) Tetrahydrofuran	7.35	42	67654	96.858	ug/l	99
30) Chloroform	7.51	83	113963	21.389	ug/l	98
31) Cyclohexane	7.79	56	103703	20.802	ug/l	98
32) 1,1,1-Trichloroethane	7.71	97	102028	20.550	ug/l	99
36) 1,1-Dichloropropene	7.93	75	90786	21.590	ug/l	100
37) Ethyl Acetate	7.08	43	46642	20.387	ug/l	100
38) Carbon Tetrachloride	7.91	117	95536	20.451	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.19	83	115044	20.756	ug/l	98
40) Benzene	8.16	78	263886	21.238	ug/l	98
41) Methacrylonitrile	7.33	41	28928m	23.536	ug/l	
42) 1,2-Dichloroethane	8.24	62	70271	20.180	ug/l	100
43) Isopropyl Acetate	8.28	43	86604	19.976	ug/l	98
44) Trichloroethene	8.94	130	82265	20.961	ug/l	98
45) 1,2-Dichloropropane	9.22	63	64868	21.770	ug/l	98
46) Dibromomethane	9.31	93	36663	20.718	ug/l	97
47) Bromodichloromethane	9.50	83	87992	21.093	ug/l	98
48) Methyl methacrylate	9.30	41	38745	19.796	ug/l	100
49) 1,4-Dioxane	9.31	88	10156	373.778	ug/l	98
51) 4-Methyl-2-Pentanone	10.07	43	224179	97.649	ug/l	100
52) Toluene	10.25	92	169940	20.908	ug/l	98
53) t-1,3-Dichloropropene	10.47	75	93725	20.569	ug/l	98
54) cis-1,3-Dichloropropene	9.93	75	108552	21.025	ug/l	99
55) 1,1,2-Trichloroethane	10.64	97	56451	20.837	ug/l	98
56) Ethyl methacrylate	10.51	69	72417	19.957	ug/l	100
57) 1,3-Dichloropropane	10.79	76	93005	20.872	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.78	63	184698	104.168	ug/l	98
59) 2-Hexanone	10.83	43	157191	96.502	ug/l	99
60) Dibromochloromethane	10.99	129	70074	20.402	ug/l	99
61) 1,2-Dibromoethane	11.09	107	53763	20.118	ug/l	99
64) Tetrachloroethene	10.72	164	85282	20.402	ug/l	97
65) Chlorobenzene	11.52	112	191786	21.098	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.59	131	71898	21.001	ug/l	99
67) Ethyl Benzene	11.60	91	334087	21.199	ug/l	99
68) m/p-Xylenes	11.70	106	257217	42.097	ug/l	100
69) o-Xylene	12.03	106	121876	21.129	ug/l	99
70) Styrene	12.05	104	210424	21.044	ug/l	100
71) Bromoform	12.21	173	45876	20.026	ug/l #	99
73) Isopropylbenzene	12.33	105	335238	21.487	ug/l	100
74) N-amyl acetate	12.14	43	81451	20.346	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.58	83	57675	21.069	ug/l	99
76) 1,2,3-Trichloropropane	12.64	75	39037m	17.795	ug/l	
77) Bromobenzene	12.61	156	84315	20.754	ug/l	99
78) n-propylbenzene	12.67	91	388224	21.541	ug/l	100
79) 2-Chlorotoluene	12.76	91	216168	21.383	ug/l	100
80) 1,3,5-Trimethylbenzene	12.81	105	278780	21.400	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.38	75	23117	19.853	ug/l	99
82) 4-Chlorotoluene	12.86	91	228021	21.528	ug/l	99
83) tert-Butylbenzene	13.08	119	245487	21.126	ug/l	100
84) 1,2,4-Trimethylbenzene	13.12	105	279624	21.347	ug/l	100
85) sec-Butylbenzene	13.25	105	339258	21.352	ug/l	100
86) p-Isopropyltoluene	13.37	119	317443	21.472	ug/l	100
87) 1,3-Dichlorobenzene	13.37	146	162937	21.174	ug/l	100
88) 1,4-Dichlorobenzene	13.45	146	162092	21.057	ug/l	99
89) n-Butylbenzene	13.70	91	291726	21.734	ug/l	99
90) Hexachloroethane	13.96	117	59363	21.448	ug/l	99
91) 1,2-Dichlorobenzene	13.74	146	146420	20.980	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.36	75	9946	18.885	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.01	180	109797	20.873	ug/l	99
94) Hexachlorobutadiene	15.11	225	63727	21.359	ug/l	99
95) Naphthalene	15.24	128	206982	19.625	ug/l	100
96) 1,2,3-Trichlorobenzene	15.43	180	97174	20.687	ug/l	98

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

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