

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY060320\
 Data File : VY002824.D
 Acq On : 03 Jun 2020 11:41
 Operator : SY/MD
 Sample : VY0603SBS01
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0603SBS01

Quant Time: Jun 03 17:05:16 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	345189	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	509611	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	470224	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	250946	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.15	65	141640	47.26	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.52%	
35) Dibromofluoromethane	7.72	113	148060	49.58	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.16%	
50) Toluene-d8	10.18	98	570919	47.28	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.56%	
62) 4-Bromofluorobenzene	12.48	95	200349	48.55	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.10%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.91	85	44377	18.684	ug/l	98
3) Chloromethane	2.12	50	52919	20.143	ug/l	98
4) Vinyl Chloride	2.26	62	57206	20.601	ug/l	97
5) Bromomethane	2.65	94	42578	20.461	ug/l	98
6) Chloroethane	2.79	64	38573	21.428	ug/l	99
7) Trichlorofluoromethane	3.13	101	101393	20.616	ug/l	97
8) Diethyl Ether	3.54	74	36677	19.099	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	3.91	101	62304	21.337	ug/l	98
10) Methyl Iodide	4.10	142	84272	20.625	ug/l	99
11) Tert butyl alcohol	4.97	59	40777	119.939	ug/l	96
12) 1,1-Dichloroethene	3.88	96	61597	20.976	ug/l	100
13) Acrolein	3.74	56	32213	91.713	ug/l	100
14) Allyl chloride	4.49	41	91442	21.711	ug/l	98
15) Acrylonitrile	5.18	53	93545	107.977	ug/l	99
16) Acetone	3.96	43	73560	104.666	ug/l	99
17) Carbon Disulfide	4.20	76	181282	20.429	ug/l	99
18) Methyl Acetate	4.49	43	43417	24.119	ug/l	99
19) Methyl tert-butyl Ether	5.23	73	170303	21.007	ug/l	100
20) Methylene Chloride	4.72	84	75027	21.845	ug/l	96
21) trans-1,2-Dichloroethene	5.23	96	69349	20.999	ug/l	97
22) Diisopropyl ether	6.13	45	191287	21.856	ug/l	95
23) Vinyl Acetate	6.07	43	626341	108.393	ug/l	97
24) 1,1-Dichloroethane	6.03	63	109819	21.450	ug/l	99
25) 2-Butanone	7.00	43	118814	108.509	ug/l	99
26) 2,2-Dichloropropane	6.99	77	102473	20.869	ug/l	98
27) cis-1,2-Dichloroethene	6.99	96	77460	20.952	ug/l	100
28) Bromochloromethane	7.35	49	47662	22.677	ug/l	97
29) Tetrahydrofuran	7.36	42	77882	109.348	ug/l	99
30) Chloroform	7.52	83	113154	20.828	ug/l	100
31) Cyclohexane	7.79	56	103246	20.311	ug/l	95
32) 1,1,1-Trichloroethane	7.71	97	102426	20.232	ug/l	100
36) 1,1-Dichloropropene	7.93	75	90393	21.057	ug/l	99
37) Ethyl Acetate	7.08	43	51265	21.949	ug/l	99
38) Carbon Tetrachloride	7.91	117	97094	20.360	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.19	83	113101	19.988	ug/l	99
40) Benzene	8.17	78	263613	20.782	ug/l	99
41) Methacrylonitrile	7.33	41	30164m	24.040	ug/l	
42) 1,2-Dichloroethane	8.24	62	72710	20.454	ug/l	100
43) Isopropyl Acetate	8.28	43	95868	21.660	ug/l	99
44) Trichloroethene	8.94	130	81855	20.430	ug/l	99
45) 1,2-Dichloropropane	9.22	63	64868	21.325	ug/l	99
46) Dibromomethane	9.31	93	38158	21.122	ug/l	98
47) Bromodichloromethane	9.50	83	87228	20.482	ug/l	98
48) Methyl methacrylate	9.30	41	43194	21.618	ug/l	97
49) 1,4-Dioxane	9.31	88	11167	402.579	ug/l	92
51) 4-Methyl-2-Pentanone	10.07	43	254267	108.490	ug/l	100
52) Toluene	10.25	92	170005	20.488	ug/l	99
53) t-1,3-Dichloropropene	10.47	75	98495	21.174	ug/l	100
54) cis-1,3-Dichloropropene	9.93	75	110460	20.957	ug/l	99
55) 1,1,2-Trichloroethane	10.64	97	58131	21.018	ug/l	95
56) Ethyl methacrylate	10.51	69	77359	20.883	ug/l	99
57) 1,3-Dichloropropane	10.79	76	95467	20.986	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.78	63	189564	104.726	ug/l	99
59) 2-Hexanone	10.83	43	179234	107.783	ug/l	100
60) Dibromochloromethane	10.99	129	72353	20.634	ug/l	97
61) 1,2-Dibromoethane	11.09	107	56996	20.891	ug/l	100
64) Tetrachloroethene	10.72	164	85725	20.059	ug/l	99
65) Chlorobenzene	11.52	112	193548	20.825	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.59	131	72800	20.798	ug/l	99
67) Ethyl Benzene	11.60	91	331803	20.593	ug/l	100
68) m/p-Xylenes	11.70	106	256705	41.092	ug/l	99
69) o-Xylene	12.03	106	121406	20.586	ug/l	99
70) Styrene	12.05	104	212529	20.789	ug/l	99
71) Bromoform	12.21	173	48389	20.660	ug/l #	99
73) Isopropylbenzene	12.33	105	331583	20.619	ug/l	99
74) N-amyl acetate	12.14	43	87359	21.171	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.58	83	63239	22.412	ug/l	98
76) 1,2,3-Trichloropropane	12.63	75	50494m	22.331	ug/l	
77) Bromobenzene	12.61	156	85722	20.471	ug/l	98
78) n-propylbenzene	12.67	91	387915	20.882	ug/l	99
79) 2-Chlorotoluene	12.76	91	215755	20.705	ug/l	100
80) 1,3,5-Trimethylbenzene	12.81	105	276351	20.581	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.38	75	25927	21.602	ug/l #	83
82) 4-Chlorotoluene	12.86	91	229849	21.053	ug/l	99
83) tert-Butylbenzene	13.08	119	247567	20.669	ug/l	99
84) 1,2,4-Trimethylbenzene	13.12	105	279937	20.734	ug/l	100
85) sec-Butylbenzene	13.25	105	340336	20.782	ug/l	99
86) p-Isopropyltoluene	13.37	119	315654	20.714	ug/l	100
87) 1,3-Dichlorobenzene	13.37	146	163575	20.623	ug/l	100
88) 1,4-Dichlorobenzene	13.45	146	163129	20.559	ug/l	99
89) n-Butylbenzene	13.70	91	287099	20.751	ug/l	100
90) Hexachloroethane	13.96	117	60409	21.175	ug/l	99
91) 1,2-Dichlorobenzene	13.74	146	147869	20.556	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.36	75	11825	21.783	ug/l	91

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93) 1,2,4-Trichlorobenzene	15.01	180	110162	20.317	ug/l	100
94) Hexachlorobutadiene	15.11	225	64025	20.819	ug/l	99
95) Naphthalene	15.24	128	219872	20.225	ug/l	100
96) 1,2,3-Trichlorobenzene	15.43	180	98706	20.386	ug/l	99

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

