

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY062520\
 Data File : VY002995.D
 Acq On : 25 Jun 2020 12:57
 Operator : SY/MD
 Sample : VSTDICC100
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICC100

Manual Integrations
 APPROVED

MMDadoda
 6/26/2020 11:22:18 AM

Quant Time: Jun 25 18:40:02 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y062520S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 25 18:33:35 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	500960	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	633907	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	616853	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	310708	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.15	65	437680	102.10	ug/l	0.00
Spiked Amount	50.000		Recovery	=	204.20%	
35) Dibromofluoromethane	7.72	113	402046	101.11	ug/l	0.00
Spiked Amount	50.000		Recovery	=	202.22%	
50) Toluene-d8	10.18	98	1605008	105.28	ug/l	0.00
Spiked Amount	50.000		Recovery	=	210.56%	
62) 4-Bromofluorobenzene	12.48	95	594786	104.54	ug/l	0.00
Spiked Amount	50.000		Recovery	=	209.08%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.90	85	279386	92.971	ug/l	99
3) Chloromethane	2.12	50	378780	91.613	ug/l	98
4) Vinyl Chloride	2.26	62	393640	94.939	ug/l	100
5) Bromomethane	2.65	94	305573	98.788	ug/l	96
6) Chloroethane	2.79	64	260468	96.797	ug/l	100
7) Trichlorofluoromethane	3.13	101	760789	96.647	ug/l	99
8) Diethyl Ether	3.54	74	220430	93.011	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.90	101	385807	93.916	ug/l	98
10) Methyl Iodide	4.10	142	567225	98.685	ug/l	100
11) Tert butyl alcohol	4.97	59	181748	424.946	ug/l	99
12) 1,1-Dichloroethene	3.88	96	379897	94.285	ug/l	97
13) Acrolein	3.73	56	207805	486.297	ug/l	99
14) Allyl chloride	4.49	41	596257	93.293	ug/l	100
15) Acrylonitrile	5.17	53	513152	471.448	ug/l	98
16) Acetone	3.95	43	440463	480.149	ug/l	100
17) Carbon Disulfide	4.20	76	1160935	93.945	ug/l	99
18) Methyl Acetate	4.48	43	222293	92.382	ug/l	100
19) Methyl tert-butyl Ether	5.23	73	1088177	96.309	ug/l	99
20) Methylene Chloride	4.72	84	424607	79.171	ug/l	96
21) trans-1,2-Dichloroethene	5.22	96	418652	93.822	ug/l	97
22) Diisopropyl ether	6.13	45	1172395	91.106	ug/l	99
23) Vinyl Acetate	6.07	43	4039525	464.236	ug/l	100
24) 1,1-Dichloroethane	6.03	63	679904	91.836	ug/l	99
25) 2-Butanone	6.99	43	653735	454.900	ug/l	100
26) 2,2-Dichloropropane	6.99	77	659550	88.534	ug/l	99
27) cis-1,2-Dichloroethene	6.99	96	453050	91.006	ug/l	99
28) Bromochloromethane	7.34	49	296966	100.987	ug/l	98
29) Tetrahydrofuran	7.35	42	438426	460.774	ug/l	99
30) Chloroform	7.52	83	763772	97.364	ug/l	98
31) Cyclohexane	7.79	56	625343	90.296	ug/l	96
32) 1,1,1-Trichloroethane	7.71	97	699605	94.428	ug/l	99
36) 1,1-Dichloropropene	7.93	75	596943	100.371	ug/l	99
37) Ethyl Acetate	7.08	43	296123	88.696	ug/l	100
38) Carbon Tetrachloride	7.91	117	718593	99.998	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.19	83	638509	91.411	ug/l	97
40) Benzene	8.16	78	1534511	95.402	ug/l	99
41) Methacrylonitrile	7.33	41	156401m	34.538	ug/l	
42) 1,2-Dichloroethane	8.24	62	512823	99.055	ug/l	100
43) Isopropyl Acetate	8.28	43	599393	102.011	ug/l	100
44) Trichloroethene	8.94	130	453763	90.430	ug/l	99
45) 1,2-Dichloropropane	9.22	63	335633	90.183	ug/l	98
46) Dibromomethane	9.31	93	213114	94.468	ug/l	98
47) Bromodichloromethane	9.50	83	521410	93.160	ug/l	98
48) Methyl methacrylate	9.30	41	251312	93.330	ug/l	98
49) 1,4-Dioxane	9.30	88	45001	1708.850	ug/l	95
51) 4-Methyl-2-Pentanone	10.07	43	1341656	442.236	ug/l	98
52) Toluene	10.25	92	1032240	96.303	ug/l	99
53) t-1,3-Dichloropropene	10.47	75	635405	99.756	ug/l	98
54) cis-1,3-Dichloropropene	9.93	75	604991	91.570	ug/l	97
55) 1,1,2-Trichloroethane	10.64	97	337992	97.359	ug/l	99
56) Ethyl methacrylate	10.51	69	485443	101.288	ug/l	100
57) 1,3-Dichloropropane	10.79	76	560876	94.854	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.78	63	1101829	523.258	ug/l	99
59) 2-Hexanone	10.83	43	1072862	484.740	ug/l	99
60) Dibromochloromethane	10.99	129	483266	100.801	ug/l	99
61) 1,2-Dibromoethane	11.09	107	332522	95.253	ug/l	98
64) Tetrachloroethene	10.72	164	560859	97.925	ug/l	95
65) Chlorobenzene	11.52	112	1179036	96.151	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.59	131	482632	97.312	ug/l	99
67) Ethyl Benzene	11.60	91	2073450	96.639	ug/l	100
68) m/p-Xylenes	11.70	106	1564002	189.186	ug/l	100
69) o-Xylene	12.03	106	787025	99.716	ug/l	100
70) Styrene	12.04	104	1371487	101.824	ug/l	100
71) Bromoform	12.20	173	334448	98.534	ug/l #	98
73) Isopropylbenzene	12.33	105	2044622	101.164	ug/l	100
74) N-amyl acetate	12.14	43	572519	104.835	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.58	83	374368	104.220	ug/l	99
76) 1,2,3-Trichloropropane	12.63	75	273918m	52.235	ug/l	
77) Bromobenzene	12.61	156	590538	103.871	ug/l	99
78) n-propylbenzene	12.67	91	2306960	98.932	ug/l	100
79) 2-Chlorotoluene	12.75	91	1363475	102.556	ug/l	99
80) 1,3,5-Trimethylbenzene	12.81	105	1905153	106.854	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.38	75	155173	108.738	ug/l	98
82) 4-Chlorotoluene	12.85	91	1530505	107.505	ug/l	100
83) tert-Butylbenzene	13.07	119	1677868	106.954	ug/l	99
84) 1,2,4-Trimethylbenzene	13.12	105	1874646	107.041	ug/l	99
85) sec-Butylbenzene	13.25	105	2041972	102.869	ug/l	100
86) p-Isopropyltoluene	13.37	119	1834202	98.024	ug/l	100
87) 1,3-Dichlorobenzene	13.36	146	985860	99.733	ug/l	100
88) 1,4-Dichlorobenzene	13.44	146	939028	96.713	ug/l	99
89) n-Butylbenzene	13.69	91	1485123	91.979	ug/l	99
90) Hexachloroethane	13.96	117	324316	95.723	ug/l	99
91) 1,2-Dichlorobenzene	13.74	146	819329	94.364	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.36	75	61259	98.345	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	665456	96.308	ug/l	99
94) Hexachlorobutadiene	15.11	225	449892	95.139	ug/l	99
95) Naphthalene	15.23	128	1108456	97.920	ug/l	100
96) 1,2,3-Trichlorobenzene	15.42	180	575227	96.510	ug/l	99

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

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