

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY061920\
 Data File : VY002938.D
 Acq On : 19 Jun 2020 14:47
 Operator : SY/MD
 Sample : VSTDIC150
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC150

Manual Integrations
 APPROVED

MMDadoda
 6/22/2020 2:06:58 PM

Quant Time: Jun 19 15:03:42 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y061920S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 19 14:17:05 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	364807	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	542730	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	499166	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	257882	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.15	65	436013	143.22	ug/l	0.00
Spiked Amount	50.000		Recovery	=	286.44%	
35) Dibromofluoromethane	7.72	113	442216	142.36	ug/l	0.00
Spiked Amount	50.000		Recovery	=	284.72%	
50) Toluene-d8	10.18	98	1732570	142.08	ug/l	0.00
Spiked Amount	50.000		Recovery	=	284.16%	
62) 4-Bromofluorobenzene	12.48	95	588844	137.35	ug/l	0.00
Spiked Amount	50.000		Recovery	=	274.70%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.90	85	352628	152.344	ug/l	100
3) Chloromethane	2.12	50	394579	148.648	ug/l	99
4) Vinyl Chloride	2.26	62	431265	153.502	ug/l	99
5) Bromomethane	2.63	94	275509	128.123	ug/l	95
6) Chloroethane	2.79	64	265779	145.464	ug/l	96
7) Trichlorofluoromethane	3.12	101	728882	142.785	ug/l	98
8) Diethyl Ether	3.54	74	270200	147.623	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	3.90	101	437731	142.224	ug/l	99
10) Methyl Iodide	4.10	142	655026	160.570	ug/l	100
11) Tert butyl alcohol	4.97	59	232249	594.559	ug/l	99
12) 1,1-Dichloroethene	3.88	96	442747	145.916	ug/l	99
13) Acrolein	3.74	56	239125	816.833	ug/l	99
14) Allyl chloride	4.49	41	642283	147.012	ug/l	100
15) Acrylonitrile	5.18	53	643470	728.908	ug/l	100
16) Acetone	3.96	43	539640	723.573	ug/l	97
17) Carbon Disulfide	4.20	76	1365830	156.402	ug/l	100
18) Methyl Acetate	4.49	43	267980	113.305	ug/l	99
19) Methyl tert-butyl Ether	5.23	73	1218578	147.562	ug/l	98
20) Methylene Chloride	4.72	84	486247	87.998	ug/l	97
21) trans-1,2-Dichloroethene	5.22	96	487581	144.650	ug/l	99
22) Diisopropyl ether	6.13	45	1277657	141.328	ug/l	99
23) Vinyl Acetate	6.07	43	4418858	779.421	ug/l	99
24) 1,1-Dichloroethane	6.02	63	760442	142.827	ug/l	99
25) 2-Butanone	7.00	43	814699	727.096	ug/l	99
26) 2,2-Dichloropropane	6.99	77	688858	136.229	ug/l	100
27) cis-1,2-Dichloroethene	6.99	96	543889	143.843	ug/l	100
28) Bromochloromethane	7.34	49	326271	147.379	ug/l	98
29) Tetrahydrofuran	7.35	42	528903	731.989	ug/l	100
30) Chloroform	7.52	83	798375	143.074	ug/l	100
31) Cyclohexane	7.79	56	723462	137.586	ug/l	97
32) 1,1,1-Trichloroethane	7.71	97	739550	144.498	ug/l	100
36) 1,1-Dichloropropene	7.93	75	635178	144.428	ug/l	100
37) Ethyl Acetate	7.08	43	350561	141.784	ug/l	99
38) Carbon Tetrachloride	7.91	117	705405	145.960	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.19	83	855437	149.201	ug/l	98
40) Benzene	8.17	78	1881709	143.144	ug/l	99
41) Methacrylonitrile	7.33	41	180080m	80.538	ug/l	
42) 1,2-Dichloroethane	8.24	62	523447	143.185	ug/l	100
43) Isopropyl Acetate	8.28	43	674084	148.823	ug/l	99
44) Trichloroethene	8.94	130	579790	141.938	ug/l	100
45) 1,2-Dichloropropane	9.22	63	450122	141.995	ug/l	99
46) Dibromomethane	9.31	93	270235	142.811	ug/l	99
47) Bromodichloromethane	9.50	83	644134	147.175	ug/l	100
48) Methyl methacrylate	9.30	41	307642	152.708	ug/l	97
49) 1,4-Dioxane	9.30	88	81026	2963.955	ug/l	99
51) 4-Methyl-2-Pentanone	10.07	43	1748739	722.756	ug/l	100
52) Toluene	10.25	92	1218448	143.393	ug/l	98
53) t-1,3-Dichloropropene	10.47	75	701951	148.060	ug/l	99
54) cis-1,3-Dichloropropene	9.93	75	794956	147.799	ug/l	99
55) 1,1,2-Trichloroethane	10.64	97	399574	141.070	ug/l	100
56) Ethyl methacrylate	10.51	69	568137	152.287	ug/l	98
57) 1,3-Dichloropropane	10.79	76	664807	140.625	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.78	63	1401177	750.641	ug/l	100
59) 2-Hexanone	10.83	43	1239940	733.304	ug/l	100
60) Dibromochloromethane	10.99	129	522123	145.976	ug/l	99
61) 1,2-Dibromoethane	11.09	107	401388	143.674	ug/l	99
64) Tetrachloroethene	10.72	164	577317	136.605	ug/l	99
65) Chlorobenzene	11.52	112	1359995	143.454	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.59	131	517343	144.990	ug/l	99
67) Ethyl Benzene	11.59	91	2352803	144.602	ug/l	100
68) m/p-Xylenes	11.70	106	1835217	290.315	ug/l	99
69) o-Xylene	12.03	106	866621	145.419	ug/l	100
70) Styrene	12.05	104	1504971	146.649	ug/l	100
71) Bromoform	12.20	173	352062	148.092	ug/l #	98
73) Isopropylbenzene	12.33	105	2297413	145.943	ug/l	99
74) N-amyl acetate	12.14	43	615737	153.822	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.58	83	433069	148.359	ug/l	98
76) 1,2,3-Trichloropropane	12.63	75	326881m	89.371	ug/l	
77) Bromobenzene	12.61	156	601685	145.468	ug/l	99
78) n-propylbenzene	12.67	91	2641261	144.214	ug/l	100
79) 2-Chlorotoluene	12.75	91	1488033	144.980	ug/l	100
80) 1,3,5-Trimethylbenzene	12.81	105	1915704	145.960	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.38	75	178479	154.724	ug/l	99
82) 4-Chlorotoluene	12.85	91	1550770	143.214	ug/l	100
83) tert-Butylbenzene	13.08	119	1689037	142.880	ug/l	100
84) 1,2,4-Trimethylbenzene	13.12	105	1910593	144.058	ug/l	100
85) sec-Butylbenzene	13.25	105	2287236	141.501	ug/l	100
86) p-Isopropyltoluene	13.37	119	2152321	142.507	ug/l	100
87) 1,3-Dichlorobenzene	13.36	146	1113285	141.730	ug/l	99
88) 1,4-Dichlorobenzene	13.44	146	1107456	140.593	ug/l	100
89) n-Butylbenzene	13.69	91	1921603	140.166	ug/l	99
90) Hexachloroethane	13.96	117	408671	146.325	ug/l	98
91) 1,2-Dichlorobenzene	13.74	146	1008820	140.824	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.36	75	80562	147.163	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.00	180	764235	142.375	ug/l	99
94) Hexachlorobutadiene	15.11	225	423024	134.826	ug/l	100
95) Naphthalene	15.23	128	1593101	151.804	ug/l	100
96) 1,2,3-Trichlorobenzene	15.42	180	683823	142.985	ug/l	99

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

