

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY061920\
 Data File : VY002937.D
 Acq On : 19 Jun 2020 14:24
 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
 6/22/2020 2:06:56 PM

Quant Time: Jun 19 14:49:00 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	355435	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	522528	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	486706	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	252777	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.15	65	291864	98.40	ug/l	0.00
Spiked Amount	50.000		Recovery	=	196.80%	
35) Dibromofluoromethane	7.72	113	293836	98.25	ug/l	0.00
Spiked Amount	50.000		Recovery	=	196.50%	
50) Toluene-d8	10.18	98	1186322	101.05	ug/l	0.00
Spiked Amount	50.000		Recovery	=	202.10%	
62) 4-Bromofluorobenzene	12.48	95	397280	96.25	ug/l	0.00
Spiked Amount	50.000		Recovery	=	192.50%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.90	85	228441	101.294	ug/l	99
3) Chloromethane	2.12	50	252879	97.778	ug/l	99
4) Vinyl Chloride	2.26	62	282379	103.159	ug/l	97
5) Bromomethane	2.65	94	206029	98.338	ug/l	99
6) Chloroethane	2.79	64	187315	105.223	ug/l	99
7) Trichlorofluoromethane	3.13	101	513423	103.229	ug/l	98
8) Diethyl Ether	3.54	74	185065	103.776	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.91	101	308703	102.946	ug/l	99
10) Methyl Iodide	4.10	142	466361	117.336	ug/l	99
11) Tert butyl alcohol	4.97	59	156401	410.945	ug/l	98
12) 1,1-Dichloroethene	3.88	96	307407	103.983	ug/l	99
13) Acrolein	3.74	56	159031	557.562	ug/l	98
14) Allyl chloride	4.49	41	443917	104.287	ug/l	100
15) Acrylonitrile	5.18	53	437035	508.117	ug/l	100
16) Acetone	3.96	43	377623	519.684	ug/l	97
17) Carbon Disulfide	4.20	76	964555	113.364	ug/l	99
18) Methyl Acetate	4.49	43	180599	78.373	ug/l	99
19) Methyl tert-butyl Ether	5.23	73	831378	103.329	ug/l	98
20) Methylene Chloride	4.72	84	341531	63.438	ug/l	95
21) trans-1,2-Dichloroethene	5.23	96	343156	104.488	ug/l	97
22) Diisopropyl ether	6.13	45	881060	100.028	ug/l	100
23) Vinyl Acetate	6.07	43	3011205	545.137	ug/l	100
24) 1,1-Dichloroethane	6.03	63	531952	102.546	ug/l	99
25) 2-Butanone	7.00	43	556235	509.514	ug/l	99
26) 2,2-Dichloropropane	6.99	77	477990	97.020	ug/l	100
27) cis-1,2-Dichloroethene	6.99	96	378846	102.836	ug/l	99
28) Bromochloromethane	7.34	49	221779	102.821	ug/l	100
29) Tetrahydrofuran	7.35	42	359954	511.303	ug/l	100
30) Chloroform	7.52	83	554402	101.972	ug/l	98
31) Cyclohexane	7.79	56	505509	98.671	ug/l	96
32) 1,1,1-Trichloroethane	7.71	97	517589	103.796	ug/l	100
36) 1,1-Dichloropropene	7.92	75	444823	105.056	ug/l	100
37) Ethyl Acetate	7.08	43	236638	99.408	ug/l	100
38) Carbon Tetrachloride	7.91	117	492095	105.759	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.19	83	599313	108.570	ug/l	99
40) Benzene	8.17	78	1310160	103.519	ug/l	100
41) Methacrylonitrile	7.33	41	118237m	54.924	ug/l	
42) 1,2-Dichloroethane	8.24	62	360101	102.311	ug/l	99
43) Isopropyl Acetate	8.28	43	455786	104.518	ug/l	100
44) Trichloroethene	8.94	130	402836	102.431	ug/l	97
45) 1,2-Dichloropropane	9.22	63	313280	102.648	ug/l	99
46) Dibromomethane	9.31	93	186284	102.252	ug/l	99
47) Bromodichloromethane	9.50	83	442293	104.964	ug/l	99
48) Methyl methacrylate	9.30	41	208048	107.264	ug/l	98
49) 1,4-Dioxane	9.30	88	56495	2146.503	ug/l	98
51) 4-Methyl-2-Pentanone	10.07	43	1194429	512.745	ug/l	100
52) Toluene	10.25	92	851563	104.091	ug/l	98
53) t-1,3-Dichloropropene	10.47	75	485544	106.373	ug/l	99
54) cis-1,3-Dichloropropene	9.93	75	544651	105.177	ug/l	100
55) 1,1,2-Trichloroethane	10.64	97	275944	101.189	ug/l	99
56) Ethyl methacrylate	10.51	69	386716	107.665	ug/l	99
57) 1,3-Dichloropropane	10.79	76	459505	100.956	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.78	63	955466	531.654	ug/l	100
59) 2-Hexanone	10.83	43	852598	523.724	ug/l	100
60) Dibromochloromethane	10.99	129	357511	103.818	ug/l	100
61) 1,2-Dibromoethane	11.09	107	276841	102.925	ug/l	98
64) Tetrachloroethene	10.72	164	409879	99.469	ug/l	99
65) Chlorobenzene	11.52	112	946151	102.356	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.59	131	361515	103.912	ug/l	100
67) Ethyl Benzene	11.59	91	1659512	104.604	ug/l	100
68) m/p-Xylenes	11.70	106	1286343	208.697	ug/l	99
69) o-Xylene	12.03	106	604911	104.103	ug/l	99
70) Styrene	12.04	104	1053667	105.301	ug/l	100
71) Bromoform	12.20	173	242492	104.614	ug/l	# 100
73) Isopropylbenzene	12.33	105	1621892	105.111	ug/l	100
74) N-amyl acetate	12.14	43	421967	107.543	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.58	83	295888	103.412	ug/l	99
76) 1,2,3-Trichloropropane	12.63	75	227608m	63.486	ug/l	
77) Bromobenzene	12.61	156	418760	103.288	ug/l	100
78) n-propylbenzene	12.67	91	1877154	104.563	ug/l	100
79) 2-Chlorotoluene	12.75	91	1043541	103.726	ug/l	100
80) 1,3,5-Trimethylbenzene	12.81	105	1351092	105.020	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.38	75	122930	108.721	ug/l	98
82) 4-Chlorotoluene	12.85	91	1093158	102.993	ug/l	100
83) tert-Butylbenzene	13.08	119	1202257	103.756	ug/l	99
84) 1,2,4-Trimethylbenzene	13.12	105	1348837	103.755	ug/l	100
85) sec-Butylbenzene	13.25	105	1609518	101.584	ug/l	100
86) p-Isopropyltoluene	13.37	119	1528173	103.225	ug/l	100
87) 1,3-Dichlorobenzene	13.36	146	780004	101.306	ug/l	100
88) 1,4-Dichlorobenzene	13.44	146	781575	101.225	ug/l	99
89) n-Butylbenzene	13.69	91	1375299	102.344	ug/l	100
90) Hexachloroethane	13.96	117	287522	105.027	ug/l	98
91) 1,2-Dichlorobenzene	13.73	146	707101	100.699	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.36	75	54680	101.901	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.01	180	528948	100.532	ug/l	99
94) Hexachlorobutadiene	15.11	225	299178	97.280	ug/l	100
95) Naphthalene	15.23	128	1088465	105.813	ug/l	100
96) 1,2,3-Trichlorobenzene	15.42	180	473220	100.947	ug/l	100

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

