

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY061920\
 Data File : VY002936.D
 Acq On : 19 Jun 2020 14:01
 Operator : SY/MD
 Sample : VSTDICCC050
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICCC050

Manual Integrations
 APPROVED

MMDadoda
 6/22/2020 2:06:54 PM

Quant Time: Jun 19 14:38:17 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	345793	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	513577	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	475458	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	254646	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.15	65	151432	52.48	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.96%	
35) Dibromofluoromethane	7.72	113	154193	52.46	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.92%	
50) Toluene-d8	10.18	98	615596	53.35	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.70%	
62) 4-Bromofluorobenzene	12.48	95	210776	51.96	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.92%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.91	85	114326	52.107	ug/l	100
3) Chloromethane	2.12	50	127783	50.786	ug/l	100
4) Vinyl Chloride	2.26	62	140933	52.921	ug/l	100
5) Bromomethane	2.65	94	104960	51.495	ug/l	100
6) Chloroethane	2.80	64	92213	53.244	ug/l	100
7) Trichlorofluoromethane	3.13	101	252592	52.202	ug/l	100
8) Diethyl Ether	3.54	74	91596	52.795	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	3.91	101	151207	51.831	ug/l	100
10) Methyl Iodide	4.10	142	228888	59.194	ug/l	100
11) Tert butyl alcohol	4.97	59	77609	209.604	ug/l	100
12) 1,1-Dichloroethene	3.88	96	152024	52.857	ug/l	100
13) Acrolein	3.74	56	78043	281.248	ug/l	100
14) Allyl chloride	4.49	41	218538	52.771	ug/l	100
15) Acrylonitrile	5.18	53	216582	258.829	ug/l	100
16) Acetone	3.96	43	190812	269.917	ug/l	100
17) Carbon Disulfide	4.20	76	476394	57.552	ug/l	100
18) Methyl Acetate	4.49	43	89829	40.069	ug/l	100
19) Methyl tert-butyl Ether	5.23	73	407930	52.114	ug/l	100
20) Methylene Chloride	4.72	84	177747	33.936	ug/l	100
21) trans-1,2-Dichloroethene	5.23	96	169304	52.989	ug/l	100
22) Diisopropyl ether	6.13	45	440665	51.424	ug/l	100
23) Vinyl Acetate	6.07	43	1497116	278.589	ug/l	100
24) 1,1-Dichloroethane	6.03	63	264466	52.404	ug/l	100
25) 2-Butanone	6.99	43	272777	256.832	ug/l	100
26) 2,2-Dichloropropane	6.99	77	238155	49.687	ug/l	100
27) cis-1,2-Dichloroethene	6.99	96	186263	51.970	ug/l	100
28) Bromochloromethane	7.34	49	116003	55.281	ug/l	100
29) Tetrahydrofuran	7.35	42	177012	258.451	ug/l	100
30) Chloroform	7.52	83	274153	51.832	ug/l	100
31) Cyclohexane	7.79	56	251628	50.485	ug/l	100
32) 1,1,1-Trichloroethane	7.71	97	253000	52.151	ug/l	100
36) 1,1-Dichloropropene	7.92	75	218881	52.595	ug/l	100
37) Ethyl Acetate	7.08	43	116188	49.660	ug/l	100
38) Carbon Tetrachloride	7.91	117	241519	52.811	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.19	83	290898	53.617	ug/l	100
40) Benzene	8.16	78	644151	51.783	ug/l	100
41) Methacrylonitrile	7.33	41	71077m	33.592	ug/l	
42) 1,2-Dichloroethane	8.24	62	176866	51.127	ug/l	100
43) Isopropyl Acetate	8.28	43	222452	51.900	ug/l	100
44) Trichloroethene	8.94	130	200734	51.931	ug/l	100
45) 1,2-Dichloropropane	9.22	63	154362	51.459	ug/l	100
46) Dibromomethane	9.31	93	92355	51.577	ug/l	100
47) Bromodichloromethane	9.50	83	218920	52.859	ug/l	100
48) Methyl methacrylate	9.30	41	100872	52.913	ug/l	100
49) 1,4-Dioxane	9.31	88	26138	1010.410	ug/l	100
51) 4-Methyl-2-Pentanone	10.07	43	591495	258.343	ug/l	100
52) Toluene	10.24	92	415835	51.716	ug/l	100
53) t-1,3-Dichloropropene	10.47	75	235383	52.467	ug/l	100
54) cis-1,3-Dichloropropene	9.93	75	270248	53.097	ug/l	100
55) 1,1,2-Trichloroethane	10.64	97	135948	50.721	ug/l	100
56) Ethyl methacrylate	10.51	69	189423	53.656	ug/l	100
57) 1,3-Dichloropropane	10.79	76	229512	51.304	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.78	63	492241	278.673	ug/l	100
59) 2-Hexanone	10.83	43	421446	263.393	ug/l	100
60) Dibromochloromethane	10.99	129	175526	51.859	ug/l	100
61) 1,2-Dibromoethane	11.09	107	136730	51.720	ug/l	100
64) Tetrachloroethene	10.72	164	205161	50.966	ug/l	100
65) Chlorobenzene	11.52	112	465840	51.587	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.59	131	178319	52.468	ug/l	100
67) Ethyl Benzene	11.59	91	812313	52.414	ug/l	100
68) m/p-Xylenes	11.70	106	634842	105.434	ug/l	100
69) o-Xylene	12.03	106	300601	52.956	ug/l	100
70) Styrene	12.04	104	519637	53.160	ug/l	100
71) Bromoform	12.20	173	119530	52.786	ug/l	# 100
73) Isopropylbenzene	12.33	105	810887	52.166	ug/l	100
74) N-amyl acetate	12.14	43	209895	53.102	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.58	83	146335	50.768	ug/l	100
76) 1,2,3-Trichloropropane	12.63	75	109976m	30.450	ug/l	
77) Bromobenzene	12.61	156	211691	51.831	ug/l	100
78) n-propylbenzene	12.67	91	939450	51.946	ug/l	100
79) 2-Chlorotoluene	12.75	91	523597	51.663	ug/l	100
80) 1,3,5-Trimethylbenzene	12.81	105	679508	52.430	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.38	75	60189	52.841	ug/l	100
82) 4-Chlorotoluene	12.85	91	549588	51.400	ug/l	100
83) tert-Butylbenzene	13.07	119	607729	52.063	ug/l	100
84) 1,2,4-Trimethylbenzene	13.12	105	684472	52.265	ug/l	100
85) sec-Butylbenzene	13.25	105	823253	51.578	ug/l	100
86) p-Isopropyltoluene	13.37	119	775252	51.982	ug/l	100
87) 1,3-Dichlorobenzene	13.36	146	394700	50.887	ug/l	100
88) 1,4-Dichlorobenzene	13.44	146	394373	50.702	ug/l	100
89) n-Butylbenzene	13.69	91	699017	51.636	ug/l	100
90) Hexachloroethane	13.96	117	143733	52.118	ug/l	100
91) 1,2-Dichlorobenzene	13.73	146	359090	50.763	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.36	75	27081	50.098	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.00	180	270258	50.988	ug/l	100
94) Hexachlorobutadiene	15.11	225	153982	49.701	ug/l	100
95) Naphthalene	15.23	128	537882	51.905	ug/l	100
96) 1,2,3-Trichlorobenzene	15.42	180	238480	50.499	ug/l	100

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

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