

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY043020\
 Data File : VY002513.D
 Acq On : 30 Apr 2020 15:23
 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
 5/5/2020 4:31:08 PM

Quant Time: May 04 12:24:58 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y043020S.M
 Quant Title : SW846 8260
 QLast Update : Mon May 04 12:07:53 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.81	168	372923	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.71	114	553405	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	500941	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.44	152	256838	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.16	65	156646	49.96	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.92%	
35) Dibromofluoromethane	7.74	113	157969	49.91	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.82%	
50) Toluene-d8	10.19	98	614234	49.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.40%	
62) 4-Bromofluorobenzene	12.49	95	205908	49.10	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.20%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.91	85	168524	59.505	ug/l	100
3) Chloromethane	2.12	50	170137	56.311	ug/l	100
4) Vinyl Chloride	2.26	62	195604	56.067	ug/l	100
5) Bromomethane	2.66	94	124307	51.668	ug/l	100
6) Chloroethane	2.80	64	112001	53.766	ug/l	100
7) Trichlorofluoromethane	3.14	101	283708	52.470	ug/l	100
8) Diethyl Ether	3.55	74	96064	52.869	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	3.91	101	172247	52.123	ug/l	100
10) Methyl Iodide	4.11	142	256510	56.974	ug/l	100
11) Tert butyl alcohol	4.97	59	78566	243.540	ug/l	100
12) 1,1-Dichloroethene	3.89	96	167032	52.030	ug/l	100
13) Acrolein	3.74	56	60609	271.693	ug/l	100
14) Allyl chloride	4.50	41	248282	53.080	ug/l	100
15) Acrylonitrile	5.19	53	225043	262.631	ug/l	100
16) Acetone	3.96	43	170348	263.240	ug/l	100
17) Carbon Disulfide	4.21	76	527817	54.651	ug/l	100
18) Methyl Acetate	4.50	43	109855	50.807	ug/l	100
19) Methyl tert-butyl Ether	5.24	73	438971	52.410	ug/l	100
20) Methylene Chloride	4.74	84	177503	49.051	ug/l	100
21) trans-1,2-Dichloroethene	5.24	96	183775	52.375	ug/l	100
22) Diisopropyl ether	6.14	45	494661	52.266	ug/l	100
23) Vinyl Acetate	6.08	43	1596750	268.269	ug/l	100
24) 1,1-Dichloroethane	6.04	63	295129	52.711	ug/l	100
25) 2-Butanone	7.01	43	277802	262.252	ug/l	100
26) 2,2-Dichloropropane	7.00	77	266319	50.041	ug/l	100
27) cis-1,2-Dichloroethene	7.01	96	199654	51.425	ug/l	100
28) Bromochloromethane	7.35	49	115678	50.426	ug/l	100
29) Tetrahydrofuran	7.36	42	186481	266.079	ug/l	100
30) Chloroform	7.53	83	301117	51.723	ug/l	100
31) Cyclohexane	7.80	56	282710	50.163	ug/l	100
32) 1,1,1-Trichloroethane	7.72	97	280643	51.864	ug/l	100
36) 1,1-Dichloropropene	7.94	75	241977	52.159	ug/l	100
37) Ethyl Acetate	7.10	43	124357	52.163	ug/l	100
38) Carbon Tetrachloride	7.92	117	264757	52.273	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.20	83	319521	52.145	ug/l	100
40) Benzene	8.18	78	692671	51.695	ug/l	100
41) Methacrylonitrile	7.35	41	75809m	60.833	ug/l	
42) 1,2-Dichloroethane	8.25	62	198875	52.914	ug/l	100
43) Isopropyl Acetate	8.29	43	235125	52.609	ug/l	100
44) Trichloroethene	8.96	130	215173	51.385	ug/l	100
45) 1,2-Dichloropropane	9.23	63	167483	51.791	ug/l	100
46) Dibromomethane	9.32	93	97288	52.288	ug/l	100
47) Bromodichloromethane	9.51	83	235344	52.020	ug/l	100
48) Methyl methacrylate	9.30	41	108459	53.622	ug/l	100
49) 1,4-Dioxane	9.31	88	26474	1074.646	ug/l	100
51) 4-Methyl-2-Pentanone	10.08	43	620014	269.143	ug/l	100
52) Toluene	10.25	92	446430	51.842	ug/l	100
53) t-1,3-Dichloropropene	10.47	75	250679	52.884	ug/l	100
54) cis-1,3-Dichloropropene	9.94	75	286016	52.194	ug/l	100
55) 1,1,2-Trichloroethane	10.66	97	142102	52.372	ug/l	100
56) Ethyl methacrylate	10.52	69	194905	53.998	ug/l	100
57) 1,3-Dichloropropane	10.80	76	242084	52.612	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.80	63	465365	244.480	ug/l	100
59) 2-Hexanone	10.84	43	433854	273.633	ug/l	100
60) Dibromochloromethane	11.00	129	181151	52.493	ug/l	100
61) 1,2-Dibromoethane	11.10	107	139184	51.806	ug/l	100
64) Tetrachloroethene	10.73	164	232380	52.210	ug/l	100
65) Chlorobenzene	11.52	112	491234	51.585	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.60	131	185173	52.384	ug/l	100
67) Ethyl Benzene	11.60	91	874672	52.289	ug/l	100
68) m/p-Xylenes	11.71	106	674957	104.284	ug/l	100
69) o-Xylene	12.03	106	313960	51.808	ug/l	100
70) Styrene	12.05	104	546135	52.716	ug/l	100
71) Bromoform	12.22	173	118209	53.878	ug/l	100
73) Isopropylbenzene	12.34	105	863483	51.875	ug/l	100
74) N-amyl acetate	12.15	43	218865	54.659	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.59	83	140466	53.061	ug/l	100
76) 1,2,3-Trichloropropane	12.64	75	124791m	54.433	ug/l	
77) Bromobenzene	12.61	156	216171	51.980	ug/l	100
78) n-propylbenzene	12.68	91	1004046	51.978	ug/l	100
79) 2-Chlorotoluene	12.77	91	551302	51.523	ug/l	100
80) 1,3,5-Trimethylbenzene	12.82	105	723623	52.444	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.39	75	60722	53.346	ug/l	100
82) 4-Chlorotoluene	12.86	91	580481	51.646	ug/l	100
83) tert-Butylbenzene	13.08	119	635315	52.513	ug/l	100
84) 1,2,4-Trimethylbenzene	13.13	105	717080	52.147	ug/l	100
85) sec-Butylbenzene	13.26	105	875502	52.151	ug/l	100
86) p-Isopropyltoluene	13.38	119	825609	52.486	ug/l	100
87) 1,3-Dichlorobenzene	13.38	146	404967	51.450	ug/l	100
88) 1,4-Dichlorobenzene	13.45	146	405846	52.072	ug/l	100
89) n-Butylbenzene	13.70	91	744191	51.969	ug/l	100
90) Hexachloroethane	13.97	117	149061	52.035	ug/l	100
91) 1,2-Dichlorobenzene	13.75	146	365421	52.029	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.36	75	25778	52.239	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.02	180	264951	51.960	ug/l	100
94) Hexachlorobutadiene	15.12	225	156604	51.165	ug/l	100
95) Naphthalene	15.25	128	497696	53.504	ug/l	100
96) 1,2,3-Trichlorobenzene	15.43	180	224987	51.975	ug/l	100

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

