

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY110220\
 Data File : VY003464.D
 Acq On : 02 Nov 2020 11:17
 Operator : SY/MD
 Sample : VSTDICCC050
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICCC050

Quant Time: Nov 02 11:54:50 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y110220S.M
 Quant Title : SW846 8260
 QLast Update : Mon Nov 02 11:26:45 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	253647	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	358303	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	328969	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	173134	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.15	65	122047	47.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.96%	
35) Dibromofluoromethane	7.73	113	107945	50.38	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.76%	
50) Toluene-d8	10.18	98	442639	49.41	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.82%	
62) 4-Bromofluorobenzene	12.48	95	146037	47.56	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.12%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.91	85	91558	46.475	ug/l	100
3) Chloromethane	2.12	50	122231	44.822	ug/l	100
4) Vinyl Chloride	2.26	62	136888	45.986	ug/l	100
5) Bromomethane	2.66	94	109085	38.686	ug/l	100
6) Chloroethane	2.80	64	84337	46.531	ug/l	100
7) Trichlorofluoromethane	3.14	101	183326	49.665	ug/l	100
8) Diethyl Ether	3.54	74	56997	47.028	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	3.91	101	103519	50.343	ug/l	100
10) Methyl Iodide	4.10	142	97938	80.925	ug/l	100
11) Tert butyl alcohol	4.97	59	57751	233.697	ug/l	100
12) 1,1-Dichloroethene	3.88	96	102317	50.483	ug/l	100
13) Acrolein	3.74	56	46960	203.682	ug/l	100
14) Allyl chloride	4.50	41	184363	50.878	ug/l	100
15) Acrylonitrile	5.18	53	148970	253.837	ug/l	100
16) Acetone	3.96	43	230252	344.401	ug/l	100
17) Carbon Disulfide	4.21	76	329147	49.821	ug/l	100
18) Methyl Acetate	4.49	43	77686	51.389	ug/l	100
19) Methyl tert-butyl Ether	5.24	73	249908	47.294	ug/l	100
20) Methylene Chloride	4.74	84	110246	40.643	ug/l	100
21) trans-1,2-Dichloroethene	5.24	96	117178	49.418	ug/l	100
22) Diisopropyl ether	6.13	45	321433	47.887	ug/l	100
23) Vinyl Acetate	6.08	43	1228581	248.753	ug/l	100
24) 1,1-Dichloroethane	6.04	63	205156	49.060	ug/l	100
25) 2-Butanone	7.00	43	275353	296.495	ug/l	100
26) 2,2-Dichloropropane	7.00	77	189471	50.216	ug/l	100
27) cis-1,2-Dichloroethene	7.00	96	127405	48.445	ug/l	100
28) Bromochloromethane	7.35	49	105265	51.352	ug/l	100
29) Tetrahydrofuran	7.36	42	134402	254.084	ug/l	100
30) Chloroform	7.52	83	203119	48.162	ug/l	100
31) Cyclohexane	7.79	56	183428	48.946	ug/l	100
32) 1,1,1-Trichloroethane	7.71	97	189651	48.902	ug/l	100
36) 1,1-Dichloropropene	7.93	75	167874	49.799	ug/l	100
37) Ethyl Acetate	7.09	43	98521	49.450	ug/l	100
38) Carbon Tetrachloride	7.91	117	173894	49.341	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.19	83	191298	51.484	ug/l	100
40) Benzene	8.17	78	464452	48.776	ug/l	100
41) Methacrylonitrile	7.33	41	52008m	51.322	ug/l	
42) 1,2-Dichloroethane	8.25	62	141988	46.989	ug/l	100
43) Isopropyl Acetate	8.28	43	182510	49.160	ug/l	100
44) Trichloroethene	8.95	130	130429	46.810	ug/l	100
45) 1,2-Dichloropropane	9.22	63	116330	48.069	ug/l	100
46) Dibromomethane	9.32	93	64538	47.252	ug/l	100
47) Bromodichloromethane	9.50	83	158348	47.244	ug/l	100
48) Methyl methacrylate	9.30	41	87593	49.850	ug/l	100
49) 1,4-Dioxane	9.31	88	16458	1011.542	ug/l	100
51) 4-Methyl-2-Pentanone	10.08	43	488662	247.316	ug/l	100
52) Toluene	10.25	92	292605	47.904	ug/l	100
53) t-1,3-Dichloropropene	10.47	75	168437	47.270	ug/l	100
54) cis-1,3-Dichloropropene	9.93	75	191636	48.054	ug/l	100
55) 1,1,2-Trichloroethane	10.65	97	91001	46.716	ug/l	100
56) Ethyl methacrylate	10.51	69	125175	47.848	ug/l	100
57) 1,3-Dichloropropane	10.79	76	158040	46.831	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.78	63	290689	213.644	ug/l	100
59) 2-Hexanone	10.83	43	377917	268.299	ug/l	100
60) Dibromochloromethane	10.99	129	113592	46.262	ug/l	100
61) 1,2-Dibromoethane	11.09	107	87800	46.866	ug/l	100
64) Tetrachloroethene	10.72	164	119990	41.586	ug/l	100
65) Chlorobenzene	11.52	112	313319	47.795	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.60	131	118494	47.673	ug/l	100
67) Ethyl Benzene	11.60	91	573822	48.849	ug/l	100
68) m/p-Xylenes	11.70	106	435502	97.203	ug/l	100
69) o-Xylene	12.03	106	202538	48.263	ug/l	100
70) Styrene	12.05	104	344601	48.355	ug/l	100
71) Bromoform	12.21	173	78669	47.425	ug/l #	100
73) Isopropylbenzene	12.33	105	563534	51.567	ug/l	100
74) N-amyl acetate	12.14	43	155569	49.724	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.58	83	115795	54.031	ug/l	100
76) 1,2,3-Trichloropropane	12.63	75	89468m	57.666	ug/l	
77) Bromobenzene	12.61	156	141018	48.772	ug/l	100
78) n-propylbenzene	12.67	91	669416	51.525	ug/l	100
79) 2-Chlorotoluene	12.76	91	368017	50.499	ug/l	100
80) 1,3,5-Trimethylbenzene	12.81	105	470355	50.467	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.38	75	41986	52.668	ug/l	100
82) 4-Chlorotoluene	12.86	91	386011	49.967	ug/l	100
83) tert-Butylbenzene	13.08	119	420381	51.718	ug/l	100
84) 1,2,4-Trimethylbenzene	13.12	105	472352	50.192	ug/l	100
85) sec-Butylbenzene	13.25	105	573738	51.221	ug/l	100
86) p-Isopropyltoluene	13.37	119	532611	50.177	ug/l	100
87) 1,3-Dichlorobenzene	13.36	146	264596	48.108	ug/l	100
88) 1,4-Dichlorobenzene	13.44	146	262810	47.950	ug/l	100
89) n-Butylbenzene	13.70	91	492863	50.768	ug/l	100
90) Hexachloroethane	13.96	117	88042	52.418	ug/l	100
91) 1,2-Dichlorobenzene	13.74	146	234253	47.856	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.36	75	21148	52.213	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.01	180	171561	47.287	ug/l	100
94) Hexachlorobutadiene	15.11	225	107382	45.413	ug/l	100
95) Naphthalene	15.23	128	342839	52.790	ug/l	100
96) 1,2,3-Trichlorobenzene	15.42	180	154155	48.785	ug/l	100

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

