

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY100520\
 Data File : VY003456.D
 Acq On : 05 Oct 2020 16:12
 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
 10/6/2020 12:55:40 PM

Quant Time: Oct 06 04:12:09 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y100520S.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 06 04:02:14 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	486039	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	684300	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	657375	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	372599	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.14	65	254088	54.69	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.38%	
35) Dibromofluoromethane	7.72	113	216660	53.79	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.58%	
50) Toluene-d8	10.18	98	897594	56.34	ug/l	0.00
Spiked Amount	50.000		Recovery	=	112.68%	
62) 4-Bromofluorobenzene	12.48	95	314715	57.53	ug/l	0.00
Spiked Amount	50.000		Recovery	=	115.06%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.90	85	176215	44.950	ug/l	100
3) Chloromethane	2.12	50	243050	45.006	ug/l	100
4) Vinyl Chloride	2.26	62	266373	48.814	ug/l	100
5) Bromomethane	2.65	94	249237	58.865	ug/l	100
6) Chloroethane	2.80	64	168539	49.237	ug/l	100
7) Trichlorofluoromethane	3.13	101	339550	46.644	ug/l	100
8) Diethyl Ether	3.54	74	112515	44.714	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	3.91	101	189611	44.078	ug/l	100
10) Methyl Iodide	4.10	142	122694	26.591	ug/l	100
11) Tert butyl alcohol	4.97	59	105188	211.817	ug/l	100
12) 1,1-Dichloroethene	3.88	96	188025	44.993	ug/l	100
13) Acrolein	3.74	56	110638	228.556	ug/l	100
14) Allyl chloride	4.49	41	339782	47.890	ug/l	100
15) Acrylonitrile	5.18	53	269380	216.210	ug/l	100
16) Acetone	3.95	43	302231	262.687	ug/l	100
17) Carbon Disulfide	4.20	76	614922	45.062	ug/l	100
18) Methyl Acetate	4.49	43	138129	45.954	ug/l	100
19) Methyl tert-butyl Ether	5.23	73	502374	43.576	ug/l	100
20) Methylene Chloride	4.72	84	223985	29.375	ug/l	100
21) trans-1,2-Dichloroethene	5.23	96	218135	45.787	ug/l	100
22) Diisopropyl ether	6.13	45	639027	43.645	ug/l	100
23) Vinyl Acetate	6.07	43	2361272	242.089	ug/l	100
24) 1,1-Dichloroethane	6.02	63	388520	46.732	ug/l	100
25) 2-Butanone	6.99	43	424714	244.788	ug/l	100
26) 2,2-Dichloropropane	6.99	77	348491	46.922	ug/l	100
27) cis-1,2-Dichloroethene	6.99	96	245016	46.762	ug/l	100
28) Bromochloromethane	7.34	49	194085	56.976	ug/l	100
29) Tetrahydrofuran	7.35	42	246400	221.624	ug/l	100
30) Chloroform	7.51	83	398501	48.130	ug/l	100
31) Cyclohexane	7.79	56	330513	41.522	ug/l	100
32) 1,1,1-Trichloroethane	7.71	97	365341	48.304	ug/l	100
36) 1,1-Dichloropropene	7.92	75	314466	48.991	ug/l	100
37) Ethyl Acetate	7.08	43	184307	50.032	ug/l	100
38) Carbon Tetrachloride	7.91	117	331640	50.041	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.19	83	357788	46.253	ug/l	100
40) Benzene	8.16	78	894303	49.955	ug/l	100
41) Methacrylonitrile	7.32	41	98947m	48.143	ug/l	
42) 1,2-Dichloroethane	8.24	62	283437	51.547	ug/l	100
43) Isopropyl Acetate	8.28	43	351458	50.484	ug/l	100
44) Trichloroethene	8.94	130	261677	50.726	ug/l	100
45) 1,2-Dichloropropane	9.22	63	227864	48.855	ug/l	100
46) Dibromomethane	9.31	93	127986	48.691	ug/l	100
47) Bromodichloromethane	9.50	83	312141	49.394	ug/l	100
48) Methyl methacrylate	9.30	41	169095	53.290	ug/l	100
49) 1,4-Dioxane	9.30	88	30875	920.071	ug/l	100
51) 4-Methyl-2-Pentanone	10.07	43	942346	257.355	ug/l	100
52) Toluene	10.24	92	579815	51.455	ug/l	100
53) t-1,3-Dichloropropene	10.47	75	344316	50.982	ug/l	100
54) cis-1,3-Dichloropropene	9.93	75	382728	50.220	ug/l	100
55) 1,1,2-Trichloroethane	10.64	97	183338	49.781	ug/l	100
56) Ethyl methacrylate	10.51	69	254592	49.967	ug/l	100
57) 1,3-Dichloropropane	10.79	76	320456	49.933	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.78	63	624609	258.646	ug/l	100
59) 2-Hexanone	10.83	43	669025	261.695	ug/l	100
60) Dibromochloromethane	10.99	129	235015	50.679	ug/l	100
61) 1,2-Dibromoethane	11.09	107	177160	49.504	ug/l	100
64) Tetrachloroethene	10.72	164	287376	51.978	ug/l	100
65) Chlorobenzene	11.52	112	636528	49.615	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.59	131	247398	49.596	ug/l	100
67) Ethyl Benzene	11.59	91	1161203	50.217	ug/l	100
68) m/p-Xylenes	11.70	106	882032	100.953	ug/l	100
69) o-Xylene	12.03	106	416528	50.980	ug/l	100
70) Styrene	12.04	104	724957	51.776	ug/l	100
71) Bromoform	12.20	173	163417	50.248	ug/l	100
73) Isopropylbenzene	12.33	105	1154941	48.520	ug/l	100
74) N-amyl acetate	12.14	43	330105	47.204	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.58	83	215711	45.955	ug/l	100
76) 1,2,3-Trichloropropane	12.63	75	157417m	47.443	ug/l	
77) Bromobenzene	12.61	156	298252	49.087	ug/l	100
78) n-propylbenzene	12.67	91	1371235	48.262	ug/l	100
79) 2-Chlorotoluene	12.75	91	765983	48.412	ug/l	100
80) 1,3,5-Trimethylbenzene	12.81	105	998076	49.727	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.38	75	83265	47.475	ug/l	100
82) 4-Chlorotoluene	12.85	91	804182	48.884	ug/l	100
83) tert-Butylbenzene	13.07	119	856262	49.228	ug/l	100
84) 1,2,4-Trimethylbenzene	13.12	105	1002888	49.780	ug/l	100
85) sec-Butylbenzene	13.25	105	1201367	49.677	ug/l	100
86) p-Isopropyltoluene	13.37	119	1152240	50.742	ug/l	100
87) 1,3-Dichlorobenzene	13.36	146	581852	50.010	ug/l	100
88) 1,4-Dichlorobenzene	13.44	146	569037	49.677	ug/l	100
89) n-Butylbenzene	13.69	91	1042044	48.933	ug/l	100
90) Hexachloroethane	13.96	117	178896	42.449	ug/l	100
91) 1,2-Dichlorobenzene	13.74	146	519491	50.508	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.36	75	39893	51.413	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	383555	52.292	ug/l	100
94) Hexachlorobutadiene	15.11	225	248356	51.335	ug/l	100
95) Naphthalene	15.23	128	685857	54.672	ug/l	100
96) 1,2,3-Trichlorobenzene	15.42	180	333394	55.580	ug/l	100

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

