

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY030420\
 Data File : VY001845.D
 Acq On : 04 Mar 2020 11:33
 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
 3/5/2020 1:37:09 PM

Quant Time: Mar 04 17:36:51 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y030420S.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 04 17:21:07 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.82	168	180399	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.71	114	325479	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	289609	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.44	152	137104	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.17	65	92645	48.22	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.44%	
35) Dibromofluoromethane	7.75	113	87009	48.94	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.88%	
50) Toluene-d8	10.19	98	368057	49.15	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.30%	
62) 4-Bromofluorobenzene	12.49	95	127654	49.13	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.26%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.91	85	80358	49.019	ug/l	100
3) Chloromethane	2.13	50	110035	50.227	ug/l	100
4) Vinyl Chloride	2.27	62	116661	52.191	ug/l	100
5) Bromomethane	2.66	94	74400	50.800	ug/l	100
6) Chloroethane	2.81	64	72747	51.372	ug/l	100
7) Trichlorofluoromethane	3.15	101	153931	50.017	ug/l	100
8) Diethyl Ether	3.55	74	61764	51.623	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	3.93	101	98718	50.507	ug/l	100
10) Methyl Iodide	4.12	142	126505	55.768	ug/l	100
11) Tert butyl alcohol	4.99	59	51876	234.275	ug/l	100
12) 1,1-Dichloroethene	3.90	96	102032	51.722	ug/l	100
13) Acrolein	3.75	56	62398	232.601	ug/l	100
14) Allyl chloride	4.51	41	182225	51.642	ug/l	100
15) Acrylonitrile	5.20	53	167006	261.302	ug/l	100
16) Acetone	3.97	43	143808	262.129	ug/l	100
17) Carbon Disulfide	4.22	76	342788	51.892	ug/l	100
18) Methyl Acetate	4.51	43	73229	52.103	ug/l	100
19) Methyl tert-butyl Ether	5.25	73	278152	52.048	ug/l	100
20) Methylene Chloride	4.75	84	114836	48.308	ug/l	100
21) trans-1,2-Dichloroethene	5.25	96	115375	51.713	ug/l	100
22) Diisopropyl ether	6.15	45	370805	52.072	ug/l	100
23) Vinyl Acetate	6.10	43	1235851	264.245	ug/l	100
24) 1,1-Dichloroethane	6.05	63	200299	52.004	ug/l	100
25) 2-Butanone	7.02	43	220322	260.722	ug/l	100
26) 2,2-Dichloropropane	7.02	77	162194	50.652	ug/l	100
27) cis-1,2-Dichloroethene	7.02	96	127018	52.424	ug/l	100
28) Bromochloromethane	7.36	49	91202	51.741	ug/l	100
29) Tetrahydrofuran	7.38	42	143632	258.188	ug/l	100
30) Chloroform	7.53	83	189271	51.837	ug/l	100
31) Cyclohexane	7.81	56	205190	49.419	ug/l	100
32) 1,1,1-Trichloroethane	7.73	97	160816	52.114	ug/l	100
36) 1,1-Dichloropropene	7.94	75	161347	52.777	ug/l	100
37) Ethyl Acetate	7.10	43	95273	52.327	ug/l	100
38) Carbon Tetrachloride	7.92	117	136693	52.248	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.21	83	210501	51.514	ug/l	100
40) Benzene	8.19	78	476181	52.391	ug/l	100
41) Methacrylonitrile	7.35	41	40789m	18.932	ug/l	
42) 1,2-Dichloroethane	8.26	62	124001	52.862	ug/l	100
43) Isopropyl Acetate	8.30	43	178945	52.841	ug/l	100
44) Trichloroethene	8.96	130	114991	51.837	ug/l	100
45) 1,2-Dichloropropane	9.24	63	120663	52.611	ug/l	100
46) Dibromomethane	9.33	93	61454	51.716	ug/l	100
47) Bromodichloromethane	9.52	83	145310	52.902	ug/l	100
48) Methyl methacrylate	9.31	41	82760	53.926	ug/l	100
49) 1,4-Dioxane	9.32	88	17228	1099.529	ug/l	100
51) 4-Methyl-2-Pentanone	10.08	43	461430	264.414	ug/l	100
52) Toluene	10.26	92	289130	52.469	ug/l	100
53) t-1,3-Dichloropropene	10.48	75	161706	53.905	ug/l	100
54) cis-1,3-Dichloropropene	9.94	75	190151	53.184	ug/l	100
55) 1,1,2-Trichloroethane	10.66	97	90878	52.414	ug/l	100
56) Ethyl methacrylate	10.52	69	137447	54.401	ug/l	100
57) 1,3-Dichloropropane	10.80	76	160215	52.178	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.80	63	227231	221.698	ug/l	100
59) 2-Hexanone	10.85	43	332672	268.111	ug/l	100
60) Dibromochloromethane	11.00	129	97930	53.742	ug/l	100
61) 1,2-Dibromoethane	11.10	107	85111	52.523	ug/l	100
64) Tetrachloroethene	10.73	164	90642	50.738	ug/l	100
65) Chlorobenzene	11.53	112	298064	52.722	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.60	131	98906	53.644	ug/l	100
67) Ethyl Benzene	11.60	91	556205	52.646	ug/l	100
68) m/p-Xylenes	11.71	106	414755	106.077	ug/l	100
69) o-Xylene	12.04	106	194595	52.914	ug/l	100
70) Styrene	12.05	104	341462	53.680	ug/l	100
71) Bromoform	12.22	173	56023	55.545	ug/l #	100
73) Isopropylbenzene	12.34	105	529498	51.427	ug/l	100
74) N-amyl acetate	12.15	43	165013	52.265	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.59	83	114525	51.599	ug/l	100
76) 1,2,3-Trichloropropane	12.64	75	76204m	29.256	ug/l	
77) Bromobenzene	12.62	156	110773	50.667	ug/l	100
78) n-propylbenzene	12.68	91	651460	51.298	ug/l	100
79) 2-Chlorotoluene	12.77	91	360073	51.263	ug/l	100
80) 1,3,5-Trimethylbenzene	12.82	105	433858	51.457	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.39	75	41912	52.598	ug/l	100
82) 4-Chlorotoluene	12.86	91	374416	51.468	ug/l	100
83) tert-Butylbenzene	13.08	119	358683	50.917	ug/l	100
84) 1,2,4-Trimethylbenzene	13.13	105	433216	51.392	ug/l	100
85) sec-Butylbenzene	13.27	105	533393	51.277	ug/l	100
86) p-Isopropyltoluene	13.38	119	461226	51.628	ug/l	100
87) 1,3-Dichlorobenzene	13.38	146	217259	50.581	ug/l	100
88) 1,4-Dichlorobenzene	13.45	146	220936	51.170	ug/l	100
89) n-Butylbenzene	13.70	91	473985	51.434	ug/l	100
90) Hexachloroethane	13.97	117	87129	52.055	ug/l	100
91) 1,2-Dichlorobenzene	13.75	146	197350	50.940	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.37	75	17247	49.947	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	128461	50.814	ug/l	100
94) Hexachlorobutadiene	15.12	225	60904	49.528	ug/l	100
95) Naphthalene	15.25	128	304516	51.215	ug/l	100
96) 1,2,3-Trichlorobenzene	15.44	180	112100	50.195	ug/l	100

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

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