

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY042020\
 Data File : VY002423.D
 Acq On : 20 Apr 2020 14:38
 Operator : SY/MD
 Sample : VSTDICC100
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICC100

Quant Time: Apr 20 15:02:17 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y042020S.M
 Quant Title : SW846 8260
 QLast Update : Mon Apr 20 14:34:58 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.81	168	269027	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.71	114	413839	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	369971	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.43	152	178374	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.16	65	192140	68.14	ug/l	0.00
Spiked Amount			Recovery	=	136.28%	
35) Dibromofluoromethane	7.74	113	215366	89.16	ug/l	0.00
Spiked Amount			Recovery	=	178.32%	
50) Toluene-d8	10.19	98	842459	84.07	ug/l	0.00
Spiked Amount			Recovery	=	168.14%	
62) 4-Bromofluorobenzene	12.48	95	278803	84.55	ug/l	0.00
Spiked Amount			Recovery	=	169.10%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.91	85	178611	69.070	ug/l	98
3) Chloromethane	2.12	50	216482	66.849	ug/l	99
4) Vinyl Chloride	2.26	62	241041	69.602	ug/l	98
5) Bromomethane	2.65	94	146814	68.684	ug/l	99
6) Chloroethane	2.80	64	141493	70.971	ug/l	98
7) Trichlorofluoromethane	3.13	101	369853	81.013	ug/l	97
8) Diethyl Ether	3.54	74	152199	79.200	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	3.91	101	241942	78.332	ug/l	99
10) Methyl Iodide	4.11	142	377532	101.933	ug/l	99
11) Tert butyl alcohol	4.99	59	113620	301.846	ug/l	100
12) 1,1-Dichloroethene	3.89	96	256034	81.266	ug/l	99
13) Acrolein	3.74	56	130487	355.615	ug/l	100
14) Allyl chloride	4.50	41	320693	65.478	ug/l	99
15) Acrylonitrile	5.19	53	342424	353.366	ug/l	99
16) Acetone	3.96	43	285288	382.273	ug/l	98
17) Carbon Disulfide	4.21	76	797800	77.119	ug/l	98
18) Methyl Acetate	4.50	43	151629	66.223	ug/l	97
19) Methyl tert-butyl Ether	5.24	73	614308	75.494	ug/l	98
20) Methylene Chloride	4.74	84	272632	72.877	ug/l	96
21) trans-1,2-Dichloroethene	5.24	96	274775	78.120	ug/l	99
22) Diisopropyl ether	6.14	45	606572	61.681	ug/l	96
23) Vinyl Acetate	6.08	43	2009181	319.689	ug/l	99
24) 1,1-Dichloroethane	6.04	63	397290	69.878	ug/l	100
25) 2-Butanone	7.01	43	387665	331.143	ug/l	100
26) 2,2-Dichloropropane	7.00	77	344916	71.852	ug/l	99
27) cis-1,2-Dichloroethene	7.00	96	298614	78.018	ug/l	99
28) Bromochloromethane	7.35	49	147067	61.198	ug/l	99
29) Tetrahydrofuran	7.36	42	242743	314.607	ug/l	99
30) Chloroform	7.52	83	404544	74.727	ug/l	97
31) Cyclohexane	7.80	56	371091	62.554	ug/l	98
32) 1,1,1-Trichloroethane	7.72	97	362790	80.123	ug/l	100
36) 1,1-Dichloropropene	7.93	75	330467	83.309	ug/l	99
37) Ethyl Acetate	7.10	43	159436	71.738	ug/l	99
38) Carbon Tetrachloride	7.92	117	338739	97.202	ug/l	98

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39) Methylcyclohexane	9.19	83	454432	83.981	ug/l	98
40) Benzene	8.17	78	1024118	84.865	ug/l	98
41) Methacrylonitrile	7.33	41	82235m	62.956	ug/l	
42) 1,2-Dichloroethane	8.25	62	245799	82.651	ug/l	99
43) Isopropyl Acetate	8.28	43	303823	75.099	ug/l	99
44) Trichloroethene	8.95	130	341246	93.797	ug/l	97
45) 1,2-Dichloropropane	9.23	63	234026	79.205	ug/l	100
46) Dibromomethane	9.31	93	138364	87.927	ug/l	100
47) Bromodichloromethane	9.51	83	315144	87.501	ug/l	97
48) Methyl methacrylate	9.30	41	135434	74.551	ug/l	99
49) 1,4-Dioxane	9.31	88	41614	1859.914	ug/l	93
51) 4-Methyl-2-Pentanone	10.08	43	780113	368.577	ug/l	100
52) Toluene	10.25	92	646529	88.438	ug/l	100
53) t-1,3-Dichloropropene	10.47	75	343521	87.947	ug/l	99
54) cis-1,3-Dichloropropene	9.94	75	403198	85.923	ug/l	95
55) 1,1,2-Trichloroethane	10.66	97	207399	89.873	ug/l	99
56) Ethyl methacrylate	10.52	69	279035	85.997	ug/l	99
57) 1,3-Dichloropropane	10.80	76	340129	84.722	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.79	63	642043	381.365	ug/l	100
59) 2-Hexanone	10.84	43	566209	385.741	ug/l	98
60) Dibromochloromethane	10.99	129	255962	102.033	ug/l	100
61) 1,2-Dibromoethane	11.10	107	205599	93.026	ug/l	99
64) Tetrachloroethene	10.73	164	389948	102.892	ug/l	97
65) Chlorobenzene	11.52	112	709520	93.149	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.59	131	250618	98.834	ug/l	99
67) Ethyl Benzene	11.60	91	1214548	87.982	ug/l	99
68) m/p-Xylenes	11.71	106	946608	181.903	ug/l	100
69) o-Xylene	12.03	106	444699	91.024	ug/l	99
70) Styrene	12.05	104	769936	90.968	ug/l	99
71) Bromoform	12.22	173	160158	113.878	ug/l	98
73) Isopropylbenzene	12.34	105	1178505	86.428	ug/l	100
74) N-amyl acetate	12.15	43	271717	72.155	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.59	83	155028	93.807	ug/l	100
76) 1,2,3-Trichloropropane	12.64	75	167470m	84.439	ug/l	
77) Bromobenzene	12.61	156	296277	96.699	ug/l	98
78) n-propylbenzene	12.68	91	1389972	82.467	ug/l	99
79) 2-Chlorotoluene	12.77	91	757987	82.704	ug/l	100
80) 1,3,5-Trimethylbenzene	12.82	105	967028	85.809	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.39	75	86360	84.505	ug/l	100
82) 4-Chlorotoluene	12.86	91	792006	82.450	ug/l #	100
83) tert-Butylbenzene	13.08	119	828544	87.437	ug/l	99
84) 1,2,4-Trimethylbenzene	13.13	105	967031	85.875	ug/l	98
85) sec-Butylbenzene	13.26	105	1171775	83.217	ug/l	99
86) p-Isopropyltoluene	13.38	119	1065459	87.419	ug/l	99
87) 1,3-Dichlorobenzene	13.38	146	537940	91.082	ug/l	100
88) 1,4-Dichlorobenzene	13.45	146	548955	91.451	ug/l	99
89) n-Butylbenzene	13.70	91	995259	80.598	ug/l	99
90) Hexachloroethane	13.97	117	208011	89.738	ug/l	97
91) 1,2-Dichlorobenzene	13.75	146	491676	91.593	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.36	75	34522	87.049	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.02	180	353522	98.979	ug/l	100
94) Hexachlorobutadiene	15.12	225	191963	105.457	ug/l	99
95) Naphthalene	15.25	128	727090	95.109	ug/l	99
96) 1,2,3-Trichlorobenzene	15.44	180	310629	100.203	ug/l	100

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

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