

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY090420\
 Data File : VY003433.D
 Acq On : 04 Sep 2020 15:42
 Operator : SY/MD
 Sample : VSTDIC020
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC020

Quant Time: Sep 05 00:41:06 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y090420S.M
 Quant Title : SW846 8260
 QLast Update : Sat Sep 05 00:29:30 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.79	168	639422	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	1075114	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	977623	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	477958	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.14	65	132534	19.97	ug/l	0.00
Spiked Amount			Recovery	=	39.94%	
35) Dibromofluoromethane	7.72	113	123336	19.86	ug/l	0.00
Spiked Amount			Recovery	=	39.72%	
50) Toluene-d8	10.17	98	521974	19.92	ug/l	0.00
Spiked Amount			Recovery	=	39.84%	
62) 4-Bromofluorobenzene	12.48	95	172121	19.47	ug/l	0.00
Spiked Amount			Recovery	=	38.94%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.90	85	115897	21.552	ug/l	100
3) Chloromethane	2.11	50	149183	19.340	ug/l	99
4) Vinyl Chloride	2.25	62	134736	21.008	ug/l	97
5) Bromomethane	2.63	94	92986	18.772	ug/l	94
6) Chloroethane	2.79	64	65987	21.373	ug/l	96
7) Trichlorofluoromethane	3.12	101	204277	20.370	ug/l	100
8) Diethyl Ether	3.53	74	86266	20.842	ug/l	77
9) 1,1,2-Trichlorotrifluoroet	3.90	101	134283	20.623	ug/l	95
10) Methyl Iodide	4.10	142	87831	20.670	ug/l	97
11) Tert butyl alcohol	4.96	59	104642	93.590	ug/l #	86
12) 1,1-Dichloroethene	3.87	96	136406	20.494	ug/l	87
13) Acrolein	3.74	56	62425	113.741	ug/l	99
14) Allyl chloride	4.49	41	249181	21.562	ug/l #	94
15) Acrylonitrile	5.17	53	236912	108.284	ug/l	98
16) Acetone	3.95	43	195670	102.057	ug/l	92
17) Carbon Disulfide	4.19	76	442041	20.666	ug/l	98
18) Methyl Acetate	4.48	43	112325	22.266	ug/l #	89
19) Methyl tert-butyl Ether	5.23	73	380576	21.172	ug/l	98
20) Methylene Chloride	4.72	84	177256	17.066	ug/l #	82
21) trans-1,2-Dichloroethene	5.22	96	153579	20.204	ug/l	88
22) Diisopropyl ether	6.13	45	516636	21.743	ug/l	94
23) Vinyl Acetate	6.07	43	1709766	110.747	ug/l	94
24) 1,1-Dichloroethane	6.02	63	267936	20.736	ug/l	97
25) 2-Butanone	6.99	43	314282	102.281	ug/l	100
26) 2,2-Dichloropropane	6.99	77	218088	19.534	ug/l	99
27) cis-1,2-Dichloroethene	6.99	96	172692	20.351	ug/l	100
28) Bromochloromethane	7.33	49	128281	19.773	ug/l	98
29) Tetrahydrofuran	7.35	42	211962	105.172	ug/l	99
30) Chloroform	7.51	83	257402	20.228	ug/l	96
31) Cyclohexane	7.78	56	271425	19.607	ug/l	98
32) 1,1,1-Trichloroethane	7.71	97	215831	19.949	ug/l	98
36) 1,1-Dichloropropene	7.92	75	209206	19.867	ug/l	99
37) Ethyl Acetate	7.08	43	138010	20.580	ug/l	98
38) Carbon Tetrachloride	7.90	117	189404	19.729	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.18	83	269066	19.758	ug/l	98
40) Benzene	8.16	78	633091	20.164	ug/l	99
41) Methacrylonitrile	7.33	41	91247m	24.621	ug/l	
42) 1,2-Dichloroethane	8.24	62	167304	19.935	ug/l	100
43) Isopropyl Acetate	8.28	43	245426	20.252	ug/l	99
44) Trichloroethene	8.94	130	168241	20.019	ug/l	97
45) 1,2-Dichloropropane	9.22	63	165460	20.443	ug/l	99
46) Dibromomethane	9.30	93	84883	20.017	ug/l	97
47) Bromodichloromethane	9.50	83	199523	20.140	ug/l	98
48) Methyl methacrylate	9.29	41	118646	21.149	ug/l	94
49) 1,4-Dioxane	9.30	88	24917	425.740	ug/l	95
51) 4-Methyl-2-Pentanone	10.07	43	676821	102.751	ug/l	99
52) Toluene	10.24	92	381383	20.011	ug/l	100
53) t-1,3-Dichloropropene	10.46	75	216741	20.367	ug/l	97
54) cis-1,3-Dichloropropene	9.92	75	257757	20.494	ug/l	97
55) 1,1,2-Trichloroethane	10.64	97	125731	20.412	ug/l	99
56) Ethyl methacrylate	10.51	69	172036	20.651	ug/l	99
57) 1,3-Dichloropropane	10.79	76	222148	20.552	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.78	63	457975	101.801	ug/l	99
59) 2-Hexanone	10.83	43	469433	104.606	ug/l	99
60) Dibromochloromethane	10.98	129	141130	20.277	ug/l	99
61) 1,2-Dibromoethane	11.08	107	116254	20.135	ug/l	99
64) Tetrachloroethene	10.72	164	163346	19.767	ug/l	96
65) Chlorobenzene	11.51	112	409421	19.944	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.59	131	146014	20.446	ug/l	98
67) Ethyl Benzene	11.59	91	731696	19.929	ug/l	98
68) m/p-Xylenes	11.70	106	551752	39.830	ug/l	100
69) o-Xylene	12.03	106	260757	19.952	ug/l	99
70) Styrene	12.04	104	440983	20.433	ug/l	99
71) Bromoform	12.20	173	88023	20.654	ug/l #	99
73) Isopropylbenzene	12.33	105	700837	19.749	ug/l	99
74) N-amyl acetate	12.14	43	224949	20.556	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.58	83	146666	20.334	ug/l	99
76) 1,2,3-Trichloropropane	12.63	75	119888m	22.851	ug/l	
77) Bromobenzene	12.61	156	163945	19.660	ug/l	99
78) n-propylbenzene	12.67	91	853487	19.707	ug/l	100
79) 2-Chlorotoluene	12.75	91	466908	19.606	ug/l	99
80) 1,3,5-Trimethylbenzene	12.81	105	581955	19.836	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.38	75	54018	20.205	ug/l	97
82) 4-Chlorotoluene	12.85	91	499853	19.710	ug/l	100
83) tert-Butylbenzene	13.07	119	488928	19.450	ug/l	100
84) 1,2,4-Trimethylbenzene	13.12	105	588015	19.885	ug/l	99
85) sec-Butylbenzene	13.25	105	713493	19.618	ug/l	100
86) p-Isopropyltoluene	13.36	119	642026	19.856	ug/l	99
87) 1,3-Dichlorobenzene	13.36	146	320707	19.841	ug/l	100
88) 1,4-Dichlorobenzene	13.44	146	316762	19.471	ug/l	99
89) n-Butylbenzene	13.69	91	633794	19.501	ug/l	99
90) Hexachloroethane	13.96	117	115802	19.705	ug/l	98
91) 1,2-Dichlorobenzene	13.74	146	293910	19.978	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.35	75	23488	19.794	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.00	180	194964	19.591	ug/l	100
94) Hexachlorobutadiene	15.11	225	102730	19.284	ug/l	99
95) Naphthalene	15.23	128	417088	20.103	ug/l	99
96) 1,2,3-Trichlorobenzene	15.42	180	173562	19.634	ug/l	99

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

