

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN042121\
 Data File : VN066695.D
 Acq On : 21 Apr 2021 12:38
 Operator : JC/MD
 Sample : VSTDIC150
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC150

Manual Integrations
 APPROVED

MMDadoda
 4/22/2021 5:29:13 PM

Quant Time: Apr 21 13:18:08 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N042121W.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 21 12:58:52 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.591	168	301924	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.519	114	483088	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.348	117	464620	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.285	152	232027	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.953	65	595683	135.19	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 270.38%#			
35) Dibromofluoromethane	7.513	113	485032	147.27	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 294.54%#			
50) Toluene-d8	10.029	98	1970363	152.82	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 305.64%#			
62) 4-Bromofluorobenzene	12.343	95	749169	167.42	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 334.84%#			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.833	85	533996	145.60	ug/l	98
3) Chloromethane	2.034	50	736459	137.44	ug/l	100
4) Vinyl Chloride	2.163	62	697373	148.40	ug/l	100
5) Bromomethane	2.487	94	188996	65.45	ug/l	98
6) Chloroethane	2.635	64	392300	139.27	ug/l	100
7) Trichlorofluoromethane	2.959	101	714783	132.80	ug/l	99
8) Diethyl Ether	3.354	74	316274	143.42	ug/l	88
9) 1,1,2-Trichlorotrifluo...	3.689	101	441979	138.14	ug/l	100
10) Methyl Iodide	3.879	142	726807	160.94	ug/l	98
11) Tert butyl alcohol	4.713	59	381422	555.70	ug/l	100
12) 1,1-Dichloroethene	3.667	96	462638	147.35	ug/l	94
13) Acrolein	3.544	56	426365	1031.61	ug/l	100
14) Allyl chloride	4.241	41	922306	690.56	ug/l	93
15) Acrylonitrile	4.893	53	1337143	679.00	ug/l	99
16) Acetone	3.753	43	968001	489.66	ug/l	98
17) Carbon Disulfide	3.978	76	1466937	138.66	ug/l	98
18) Methyl Acetate	4.247	43	575117	120.40	ug/l	96
19) Methyl tert-butyl Ether	4.955	73	1584511	144.41	ug/l	95
20) Methylene Chloride	4.467	84	563346	130.94	ug/l	95
21) trans-1,2-Dichloroethene	4.947	96	509881	144.43	ug/l	91
22) Diisopropyl ether	5.864	45	1866236	141.33	ug/l	96
23) Vinyl Acetate	5.805	43	7637329	695.80	ug/l	98
24) 1,1-Dichloroethane	5.757	63	982382	135.52	ug/l	98
25) 2-Butanone	6.746	43	1661629	637.83	ug/l	94
26) 2,2-Dichloropropane	6.733	77	795081	137.26	ug/l	99
27) cis-1,2-Dichloroethene	6.738	96	592916	145.42	ug/l	94
28) Bromochloromethane	7.111	49	500565	136.00	ug/l	86
29) Tetrahydrofuran	7.127	42	1127665	642.69	ug/l	94
30) Chloroform	7.291	83	927977	136.24	ug/l	99
31) Cyclohexane	7.578	56	928128	141.90	ug/l	92
32) 1,1,1-Trichloroethane	7.492	97	785507	139.23	ug/l	98
36) 1,1-Dichloropropene	7.717	75	739089	151.20	ug/l	98
37) Ethyl Acetate	6.843	43	738009	136.50	ug/l	99
38) Carbon Tetrachloride	7.698	117	672799	146.49	ug/l	99
39) Methylcyclohexane	9.015	83	908606	162.84	ug/l	95
40) Benzene	7.966	78	2303973	146.77	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.084	41	334512	138.06	ug/l #	100
42) 1,2-Dichloroethane	8.052	62	729684	136.98	ug/l	100
43) Isopropyl Acetate	8.093	43	1261244	139.23	ug/l #	89
44) Trichloroethene	8.768	130	559237	153.49	ug/l	100
45) 1,2-Dichloropropane	9.053	63	623202	143.40	ug/l	100
46) Dibromomethane	9.144	93	372092	142.61	ug/l	99
47) Bromodichloromethane	9.337	83	784719	146.82	ug/l	99
48) Methyl methacrylate	9.136	41	607981	150.15	ug/l	90
49) 1,4-Dioxane	9.139	88	138089	1685.93	ug/l	92
51) 4-Methyl-2-Pentanone	9.922	43	3657372	693.80	ug/l	99
52) Toluene	10.093	92	1423346	154.42	ug/l	97
53) t-1,3-Dichloropropene	10.321	75	913438	159.09	ug/l	97
54) cis-1,3-Dichloropropene	9.777	75	992193	155.46	ug/l	97
55) 1,1,2-Trichloroethane	10.501	97	548292	144.85	ug/l	96
56) Ethyl methacrylate	10.370	69	874839	179.10	ug/l	95
57) 1,3-Dichloropropane	10.646	76	950108	149.70	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.632	63	775559	1001.57	ug/l	94
59) 2-Hexanone	10.694	43	2559529	797.22	ug/l	99
60) Dibromochloromethane	10.842	129	615315	155.87	ug/l	100
61) 1,2-Dibromoethane	10.946	107	570031	153.64	ug/l	100
64) Tetrachloroethene	10.571	164	477965	145.54	ug/l	100
65) Chlorobenzene	11.375	112	1514411	149.05	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.450	131	559238	151.58	ug/l	100
67) Ethyl Benzene	11.453	91	2771187	157.19	ug/l	100
68) m/p-Xylenes	11.563	106	2106970	327.71	ug/l	98
69) o-Xylene	11.890	106	1023262	163.22	ug/l	99
70) Styrene	11.906	104	1749703	179.44	ug/l	98
71) Bromoform	12.070	173	456995	165.72	ug/l #	98
73) Isopropylbenzene	12.193	105	2678240	151.99	ug/l	99
74) N-amyl acetate	12.016	43	979149	297.25	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.448	83	814104	125.68	ug/l	99
76) 1,2,3-Trichloropropane	12.496	75	725450m	134.51	ug/l	
77) Bromobenzene	12.467	156	680587	155.77	ug/l	93
78) n-propylbenzene	12.534	91	3144726	154.51	ug/l	100
79) 2-Chlorotoluene	12.617	91	1876275	150.51	ug/l	99
80) 1,3,5-Trimethylbenzene	12.676	105	2295072	154.10	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.244	75	283528	193.19	ug/l	94
82) 4-Chlorotoluene	12.716	91	1955705	160.03	ug/l	98
83) tert-Butylbenzene	12.936	119	1919281	153.16	ug/l	98
84) 1,2,4-Trimethylbenzene	12.982	105	2265914	160.90	ug/l	98
85) sec-Butylbenzene	13.116	105	2629230	155.57	ug/l	100
86) p-Isopropyltoluene	13.231	119	2330488	167.99	ug/l	99
87) 1,3-Dichlorobenzene	13.226	146	1175043	152.10	ug/l	99
88) 1,4-Dichlorobenzene	13.306	146	1192226	140.80	ug/l	99
89) n-Butylbenzene	13.558	91	2055401	178.48	ug/l	99
90) Hexachloroethane	13.816	117	453922	147.18	ug/l	93
91) 1,2-Dichlorobenzene	13.596	146	1128946	147.28	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.213	75	146544	134.75	ug/l	96
93) 1,2,4-Trichlorobenzene	14.848	180	703306	162.96	ug/l	98
94) Hexachlorobutadiene	14.948	225	335461	137.58	ug/l	99
95) Naphthalene	15.068	128	1737076	149.14	ug/l	100
96) 1,2,3-Trichlorobenzene	15.248	180	657069	149.03	ug/l	99

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

