

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN042121\
 Data File : VN066694.D
 Acq On : 21 Apr 2021 12:14
 Operator : JC/MD
 Sample : VSTDIC100
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC100

Manual Integrations
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 4/22/2021 5:29:11 PM

Quant Time: Apr 21 13:03:22 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	290271	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.516	114	461836	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.349	117	435920	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.285	152	224332	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.953	65	364349	86.01	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 172.02%#			
35) Dibromofluoromethane	7.513	113	300959	95.59	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 191.18%#			
50) Toluene-d8	10.029	98	1204789	97.75	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 195.50%#			
62) 4-Bromofluorobenzene	12.344	95	453383	105.98	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 211.96%#			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.833	85	344173	97.61	ug/l	98
3) Chloromethane	2.034	50	466745	90.60	ug/l	99
4) Vinyl Chloride	2.163	62	449641	99.53	ug/l	98
5) Bromomethane	2.490	94	230503	83.03	ug/l	98
6) Chloroethane	2.643	64	249186	92.01	ug/l	100
7) Trichlorofluoromethane	2.962	101	471310	91.08	ug/l	100
8) Diethyl Ether	3.354	74	205945	97.14	ug/l	88
9) 1,1,2-Trichlorotrifluo...	3.692	101	289210	94.02	ug/l	100
10) Methyl Iodide	3.882	142	469001	108.02	ug/l	97
11) Tert butyl alcohol	4.708	59	230562	349.39	ug/l	100
12) 1,1-Dichloroethene	3.670	96	301246	99.80	ug/l	94
13) Acrolein	3.544	56	256939	646.63	ug/l	99
14) Allyl chloride	4.244	41	595491	463.76	ug/l	93
15) Acrylonitrile	4.893	53	838945	443.12	ug/l	99
16) Acetone	3.751	43	612538	322.29	ug/l	99
17) Carbon Disulfide	3.981	76	941611	92.58	ug/l	98
18) Methyl Acetate	4.247	43	371515	80.90	ug/l	95
19) Methyl tert-butyl Ether	4.955	73	1018837	96.58	ug/l	97
20) Methylene Chloride	4.469	84	364819	88.20	ug/l	96
21) trans-1,2-Dichloroethene	4.949	96	332115	97.86	ug/l	92
22) Diisopropyl ether	5.864	45	1199873	94.52	ug/l	96
23) Vinyl Acetate	5.805	43	4981993	472.10	ug/l	97
24) 1,1-Dichloroethane	5.757	63	639200	91.72	ug/l	98
25) 2-Butanone	6.746	43	1040258	415.34	ug/l	94
26) 2,2-Dichloropropane	6.736	77	522052	93.74	ug/l	99
27) cis-1,2-Dichloroethene	6.741	96	384890	98.19	ug/l	94
28) Bromochloromethane	7.111	49	309928	87.58	ug/l	87
29) Tetrahydrofuran	7.127	42	713331	422.87	ug/l	94
30) Chloroform	7.293	83	606958	92.69	ug/l	98
31) Cyclohexane	7.578	56	597968	95.09	ug/l	93
32) 1,1,1-Trichloroethane	7.492	97	510340	94.09	ug/l	98
36) 1,1-Dichloropropene	7.717	75	470037	100.58	ug/l	99
37) Ethyl Acetate	6.840	43	468180	90.58	ug/l	99
38) Carbon Tetrachloride	7.698	117	433755	98.79	ug/l	99
39) Methylcyclohexane	9.015	83	579849	108.70	ug/l	95
40) Benzene	7.969	78	1483821	98.88	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.084	41	210339	90.81	ug/l #	100
42) 1,2-Dichloroethane	8.052	62	467678	91.83	ug/l	100
43) Isopropyl Acetate	8.093	43	792503	91.51	ug/l	98
44) Trichloroethene	8.771	130	358362	102.89	ug/l	100
45) 1,2-Dichloropropane	9.050	63	400549	96.41	ug/l	100
46) Dibromomethane	9.144	93	237276	95.13	ug/l	100
47) Bromodichloromethane	9.337	83	499434	97.74	ug/l	99
48) Methyl methacrylate	9.136	41	376433	97.24	ug/l	91
49) 1,4-Dioxane	9.136	88	87462	1116.96	ug/l	93
51) 4-Methyl-2-Pentanone	9.922	43	2307287	457.83	ug/l	98
52) Toluene	10.093	92	902992	102.48	ug/l	99
53) t-1,3-Dichloropropene	10.321	75	565861	103.09	ug/l	98
54) cis-1,3-Dichloropropene	9.777	75	628507	103.01	ug/l	98
55) 1,1,2-Trichloroethane	10.501	97	349001	96.45	ug/l	97
56) Ethyl methacrylate	10.370	69	537042	115.00	ug/l	95
57) 1,3-Dichloropropane	10.646	76	599148	98.75	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.632	63	466934	630.76	ug/l	95
59) 2-Hexanone	10.691	43	1595250	519.74	ug/l	98
60) Dibromochloromethane	10.842	129	386510	102.41	ug/l	99
61) 1,2-Dibromoethane	10.946	107	357948	100.92	ug/l	100
64) Tetrachloroethene	10.571	164	308794	100.22	ug/l	100
65) Chlorobenzene	11.373	112	956640	100.35	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.450	131	352770	101.91	ug/l	100
67) Ethyl Benzene	11.453	91	1757000	106.22	ug/l	99
68) m/p-Xylenes	11.563	106	1327689	220.10	ug/l	99
69) o-Xylene	11.890	106	646896	109.98	ug/l	99
70) Styrene	11.906	104	1104964	120.78	ug/l	99
71) Bromoform	12.070	173	291569	112.69	ug/l #	98
73) Isopropylbenzene	12.193	105	1710118	100.38	ug/l	100
74) N-amyl acetate	12.016	43	584407	183.50	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.448	83	533994	85.26	ug/l	97
76) 1,2,3-Trichloropropane	12.496	75	497556m	95.42	ug/l	
77) Bromobenzene	12.467	156	442745	104.81	ug/l	94
78) n-propylbenzene	12.534	91	2040477	103.69	ug/l	99
79) 2-Chlorotoluene	12.617	91	1212904	100.63	ug/l	99
80) 1,3,5-Trimethylbenzene	12.676	105	1482680	102.97	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.244	75	170190	119.94	ug/l	97
82) 4-Chlorotoluene	12.716	91	1254642	106.19	ug/l	98
83) tert-Butylbenzene	12.936	119	1249953	103.17	ug/l	99
84) 1,2,4-Trimethylbenzene	12.982	105	1464639	107.57	ug/l	98
85) sec-Butylbenzene	13.116	105	1707266	104.49	ug/l	100
86) p-Isopropyltoluene	13.231	119	1509678	112.55	ug/l	100
87) 1,3-Dichlorobenzene	13.226	146	768142	102.84	ug/l	99
88) 1,4-Dichlorobenzene	13.306	146	774686	94.62	ug/l	99
89) n-Butylbenzene	13.558	91	1292347	116.07	ug/l	99
90) Hexachloroethane	13.816	117	293687	98.49	ug/l	92
91) 1,2-Dichlorobenzene	13.596	146	735183	99.20	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.213	75	91733	87.25	ug/l	96
93) 1,2,4-Trichlorobenzene	14.851	180	441395	105.78	ug/l	99
94) Hexachlorobutadiene	14.948	225	217646	92.32	ug/l	99
95) Naphthalene	15.068	128	1073891	95.36	ug/l	100
96) 1,2,3-Trichlorobenzene	15.248	180	408901	95.92	ug/l	98

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

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