

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN060721\
 Data File : VN067252.D
 Acq On : 7 Jun 2021 14:06
 Operator : JC/MD
 Sample : VSTDIC020
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC020

Manual Integrations
 APPROVED

MMDadoda
 6/8/2021 6:56:43 PM

Quant Time: Jun 07 15:04:52 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060721W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jun 07 15:02:57 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.091	168	102021	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.971	114	195173	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.749	117	192488	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.678	152	91368	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.442	65	26718	18.927	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	37.860%#		
35) Dibromofluoromethane	8.027	113	21065	17.510	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	35.020%#		
50) Toluene-d8	10.446	98	89138	17.702	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	35.400%#		
62) 4-Bromofluorobenzene	12.733	95	28859	14.344	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	28.680%#		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.075	85	18741	16.440	ug/l	94
3) Chloromethane	2.306	50	31988	21.870	ug/l	100
4) Vinyl Chloride	2.445	62	69830	32.740	ug/l	100
5) Bromomethane	2.864	94	64547	38.898	ug/l	99
6) Chloroethane	3.022	64	59212	38.329	ug/l	100
7) Trichlorofluoromethane	3.373	101	156835	58.323	ug/l	95
8) Diethyl Ether	3.821	74	14107	19.027	ug/l	85
9) 1,1,2-Trichlorotrifluo...	4.207	101	17725	18.244	ug/l	86
10) Methyl Iodide	4.422	142	20735	16.800	ug/l #	79
11) Tert butyl alcohol	5.390	59	20967	91.758	ug/l #	81
12) 1,1-Dichloroethene	4.181	96	17418	17.926	ug/l	93
13) Acrolein	4.049	56	12628	126.574	ug/l	96
14) Allyl chloride	4.835	41	32404	18.296	ug/l #	86
15) Acrylonitrile	5.565	53	49289	97.001	ug/l	98
16) Acetone	4.293	43	43325	90.082	ug/l	94
17) Carbon Disulfide	4.527	76	50496	17.825	ug/l	100
18) Methyl Acetate	4.865	43	28384	20.594	ug/l	91
19) Methyl tert-butyl Ether	5.626	73	65576	18.939	ug/l	98
20) Methylene Chloride	5.095	84	22232	18.379	ug/l	92
21) trans-1,2-Dichloroethene	5.602	96	20408	18.044	ug/l	98
22) Diisopropyl ether	6.503	45	65791	19.074	ug/l	93
23) Vinyl Acetate	6.439	43	324083	96.172	ug/l	95
24) 1,1-Dichloroethane	6.385	63	40962	19.610	ug/l	99
25) 2-Butanone	7.345	43	79659	101.058	ug/l	91
26) 2,2-Dichloropropane	7.332	77	38548	19.189	ug/l	94
27) cis-1,2-Dichloroethene	7.329	96	25868	19.456	ug/l	96
28) Bromochloromethane	7.659	49	19636	18.943	ug/l #	78
29) Tetrahydrofuran	7.694	42	48417	103.395	ug/l	92
30) Chloroform	7.820	83	44163	19.620	ug/l	98
31) Cyclohexane	8.096	56	34670	18.453	ug/l	97
32) 1,1,1-Trichloroethane	8.013	97	40216	19.075	ug/l	96
36) 1,1-Dichloropropene	8.222	75	33715	18.663	ug/l	95
37) Ethyl Acetate	7.420	43	33663	19.303	ug/l	94
38) Carbon Tetrachloride	8.206	117	34000	17.486	ug/l	98
39) Methylcyclohexane	9.461	83	38507	18.836	ug/l	98
40) Benzene	8.464	78	101728	18.149	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.643	41	16101	17.803	ug/l #	85
42) 1,2-Dichloroethane	8.536	62	35082	18.291	ug/l	96
43) Isopropyl Acetate	8.568	43	63834	19.164	ug/l	92
44) Trichloroethene	9.220	130	25629	18.232	ug/l	92
45) 1,2-Dichloropropane	9.494	63	26740	19.137	ug/l	100
46) Dibromomethane	9.582	93	18898	19.066	ug/l #	80
47) Bromodichloromethane	9.767	83	37939	18.888	ug/l	99
48) Methyl methacrylate	9.566	41	26989	18.645	ug/l #	85
49) 1,4-Dioxane	9.577	88	8184	362.067	ug/l #	90
51) 4-Methyl-2-Pentanone	10.336	43	192479	96.566	ug/l	88
52) Toluene	10.507	92	67607	17.744	ug/l	97
53) t-1,3-Dichloropropene	10.722	75	43341	18.063	ug/l	100
54) cis-1,3-Dichloropropene	10.194	75	44923	18.752	ug/l #	83
55) 1,1,2-Trichloroethane	10.902	97	26358	18.440	ug/l	98
56) Ethyl methacrylate	10.768	69	42054	18.039	ug/l #	79
57) 1,3-Dichloropropane	11.049	76	44361	18.869	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.046	63	46767	94.507	ug/l	95
59) 2-Hexanone	11.092	43	136508	93.576	ug/l	89
60) Dibromochloromethane	11.240	129	28195	16.673	ug/l	97
61) 1,2-Dibromoethane	11.350	107	26360	17.497	ug/l	100
64) Tetrachloroethene	10.982	164	25265	19.362	ug/l	95
65) Chlorobenzene	11.776	112	72503	17.453	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.843	131	27413	17.330	ug/l	98
67) Ethyl Benzene	11.848	91	135448	17.636	ug/l	96
68) m/p-Xylenes	11.956	106	106610	34.526	ug/l	98
69) o-Xylene	12.286	106	52390	17.402	ug/l	95
70) Styrene	12.296	104	84892	16.389	ug/l	98
71) Bromoform	12.460	173	20536	15.422	ug/l #	100
73) Isopropylbenzene	12.583	105	136212	19.566	ug/l	98
74) N-amyl acetate	12.390	43	54527	19.730	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.833	83	39423	20.214	ug/l	99
76) 1,2,3-Trichloropropane	12.884	75	34841m	20.344	ug/l	
77) Bromobenzene	12.862	156	29896	18.987	ug/l	85
78) n-propylbenzene	12.924	91	154622	19.119	ug/l	95
79) 2-Chlorotoluene	13.109	91	89986	18.211	ug/l	97
80) 1,3,5-Trimethylbenzene	13.061	105	113354	18.650	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.629	75	12724	17.773	ug/l	89
82) 4-Chlorotoluene	13.010	91	86531	18.354	ug/l	100
83) tert-Butylbenzene	13.326	119	98956	19.179	ug/l	95
84) 1,2,4-Trimethylbenzene	13.372	105	116623	19.293	ug/l	95
85) sec-Butylbenzene	13.503	105	139336	19.263	ug/l	95
86) p-Isopropyltoluene	13.621	119	117891	18.484	ug/l	98
87) 1,3-Dichlorobenzene	13.619	146	56216	18.526	ug/l	98
88) 1,4-Dichlorobenzene	13.696	146	54760	17.834	ug/l	94
89) n-Butylbenzene	13.946	91	103318	18.182	ug/l	95
90) Hexachloroethane	14.214	117	19718	18.261	ug/l	75
91) 1,2-Dichlorobenzene	13.991	146	54702	18.332	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.605	75	7330	18.456	ug/l	76
93) 1,2,4-Trichlorobenzene	15.265	180	24408	18.451	ug/l	96
94) Hexachlorobutadiene	15.373	225	11869	16.197	ug/l	99
95) Naphthalene	15.509	128	69815	20.952	ug/l	99
96) 1,2,3-Trichlorobenzene	15.702	180	23191	19.860	ug/l	96

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

