

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061421\
 Data File : VN067318.D
 Acq On : 14 Jun 2021 10:38
 Operator : JC/MD
 Sample : VSTDIC001
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

Manual Integrations
 APPROVED

MMDadoda
 6/15/2021 5:15:52 PM

Quant Time: Jun 15 04:10:07 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N061421W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 15 04:08:10 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.086	168	355723	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	672312	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.746	117	608729	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.678	152	241306	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	0.000	65	0d	0.000	ug/l	
Spiked Amount	50.000	Range	61 - 141	Recovery	=	0.000%#
35) Dibromofluoromethane	0.000	113	0d	0.000	ug/l	
Spiked Amount	50.000	Range	69 - 133	Recovery	=	0.000%#
50) Toluene-d8	0.000	98	0d	0.000	ug/l	
Spiked Amount	50.000	Range	65 - 126	Recovery	=	0.000%#
62) 4-Bromofluorobenzene	0.000	95	0d	0.000	ug/l	
Spiked Amount	50.000	Range	58 - 135	Recovery	=	0.000%#
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.067	85	3941	0.858	ug/l	93
3) Chloromethane	2.301	50	5199	1.109	ug/l	100
4) Vinyl Chloride	2.443	62	4114	0.897	ug/l	94
6) Chloroethane	3.009	64	3080	1.105	ug/l #	76
7) Trichlorofluoromethane	3.371	101	6764	1.056	ug/l	92
8) Diethyl Ether	3.816	74	2635m	1.037	ug/l	
9) 1,1,2-Trichlorotrifluo...	4.199	101	3788m	0.992	ug/l	
12) 1,1-Dichloroethene	4.170	96	3971m	1.070	ug/l	
14) Allyl chloride	4.835	41	9541m	1.185	ug/l	
15) Acrylonitrile	5.570	53	10168m	4.613	ug/l	
16) Acetone	4.288	43	15898m	7.010	ug/l	
17) Carbon Disulfide	4.524	76	14386	1.186	ug/l #	94
18) Methyl Acetate	4.867	43	7172	1.265	ug/l #	70
19) Methyl tert-butyl Ether	5.634	73	13422m	0.902	ug/l	
20) Methylene Chloride	5.098	84	6932m	1.442	ug/l	
21) trans-1,2-Dichloroethene	5.605	96	4398m	1.078	ug/l	
22) Diisopropyl ether	6.503	45	14074	0.924	ug/l #	96
23) Vinyl Acetate	6.436	43	63939	4.651	ug/l	97
24) 1,1-Dichloroethane	6.391	63	8623m	1.022	ug/l	
25) 2-Butanone	7.353	43	15960	4.855	ug/l	99
26) 2,2-Dichloropropane	7.321	77	9558m	1.137	ug/l	
27) cis-1,2-Dichloroethene	7.327	96	5154	1.076	ug/l	89
28) Bromochloromethane	7.648	49	4153	1.065	ug/l #	93
29) Tetrahydrofuran	7.705	42	10732m	5.124	ug/l	
30) Chloroform	7.817	83	9712	1.091	ug/l	86
32) 1,1,1-Trichloroethane	8.016	97	8106	0.995	ug/l #	52
36) 1,1-Dichloropropene	8.222	75	6708	1.038	ug/l #	79
37) Ethyl Acetate	7.423	43	7848m	1.195	ug/l	
38) Carbon Tetrachloride	8.212	117	7302	1.052	ug/l #	80
39) Methylcyclohexane	9.461	83	6924m	0.992	ug/l	
40) Benzene	8.456	78	18660	1.033	ug/l	97
41) Methacrylonitrile	7.640	41	3796	1.058	ug/l #	89
42) 1,2-Dichloroethane	8.536	62	7908	1.040	ug/l	88
43) Isopropyl Acetate	8.563	43	13061	1.059	ug/l #	85
44) Trichloroethene	9.212	130	4309	1.020	ug/l	92
45) 1,2-Dichloropropane	9.488	63	4963	1.028	ug/l	95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) Dibromomethane	9.579	93	3322	1.012	ug/l #	82
47) Bromodichloromethane	9.762	83	8146	1.102	ug/l	99
48) Methyl methacrylate	9.558	41	5905	1.052	ug/l #	72
49) 1,4-Dioxane	9.582	88	1331m	17.355	ug/l	
51) 4-Methyl-2-Pentanone	10.333	43	34436	4.874	ug/l	100
52) Toluene	10.505	92	11551	1.020	ug/l	96
53) t-1,3-Dichloropropene	10.725	75	7948	0.977	ug/l #	85
54) cis-1,3-Dichloropropene	10.188	75	7847	0.958	ug/l	97
55) 1,1,2-Trichloroethane	10.899	97	4849	1.097	ug/l #	85
56) Ethyl methacrylate	10.765	69	7737	0.980	ug/l	95
57) 1,3-Dichloropropane	11.044	76	8619	1.073	ug/l	95
58) 2-Chloroethyl Vinyl ether	10.043	63	14250	6.060	ug/l	98
59) 2-Hexanone	11.089	43	25954	5.007	ug/l	99
60) Dibromochloromethane	11.245	129	4516	0.944	ug/l	93
61) 1,2-Dibromoethane	11.352	107	4840	1.053	ug/l	91
64) Tetrachloroethene	10.974	164	3882	1.054	ug/l	94
65) Chlorobenzene	11.771	112	11793	1.033	ug/l	91
66) 1,1,1,2-Tetrachloroethane	11.840	131	4199	0.989	ug/l #	66
67) Ethyl Benzene	11.846	91	23724	1.049	ug/l	99
68) m/p-Xylenes	11.958	106	17601	2.180	ug/l	92
69) o-Xylene	12.283	106	8231	1.047	ug/l	96
70) Styrene	12.296	104	12874	0.979	ug/l	100
71) Bromoform	12.460	173	3122	0.952	ug/l #	97
73) Isopropylbenzene	12.578	105	21373	1.082	ug/l	98
74) N-amyl acetate	12.387	43	9967	1.031	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.833	83	6545	1.112	ug/l	94
76) 1,2,3-Trichloropropane	12.884	75	5290m	0.912	ug/l	
77) Bromobenzene	12.862	156	4239	1.055	ug/l	99
78) n-propylbenzene	12.924	91	24886	1.055	ug/l	97
79) 2-Chlorotoluene	13.007	91	16323	1.119	ug/l	95
80) 1,3,5-Trimethylbenzene	13.061	105	17620	1.059	ug/l	97
82) 4-Chlorotoluene	13.109	91	14685	0.997	ug/l	98
83) tert-Butylbenzene	13.326	119	13892	1.042	ug/l	98
84) 1,2,4-Trimethylbenzene	13.369	105	17567	1.068	ug/l	98
85) sec-Butylbenzene	13.503	105	19034	1.010	ug/l	99
86) p-Isopropyltoluene	13.618	119	16014	1.057	ug/l	96
87) 1,3-Dichlorobenzene	13.618	146	7846	1.071	ug/l	97
88) 1,4-Dichlorobenzene	13.699	146	8186m	1.110	ug/l	
89) n-Butylbenzene	13.943	91	14052	0.988	ug/l	94
90) Hexachloroethane	14.211	117	2821	0.933	ug/l	100
91) 1,2-Dichlorobenzene	13.989	146	7096	1.025	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.608	75	1851	1.244	ug/l	79
93) 1,2,4-Trichlorobenzene	15.263	180	3211m	0.885	ug/l	
94) Hexachlorobutadiene	15.375	225	2529	1.208	ug/l	86
95) Naphthalene	15.507	128	9505	0.842	ug/l	97
96) 1,2,3-Trichlorobenzene	15.710	180	3274	0.935	ug/l #	90

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

