

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062421\
 Data File : VN067473.D
 Acq On : 24 Jun 2021 10:44
 Operator : JC/MD
 Sample : VSTDIC020
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC020

Manual Integrations
 APPROVED

MMDadoda
 6/25/2021 6:22:26 PM

Quant Time: Jun 24 11:59:02 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N062421W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 24 11:57:20 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.088	168	266964	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	575470	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.747	117	506212	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	189345	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.437	65	96968	18.307	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	36.620%#		
35) Dibromofluoromethane	8.024	113	64024	17.024	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	34.040%#		
50) Toluene-d8	10.443	98	272251	18.413	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	36.820%#		
62) 4-Bromofluorobenzene	12.734	95	90814	15.366	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	30.740%#		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.073	85	84270	21.085	ug/l	98
3) Chloromethane	2.301	50	94685	22.285	ug/l	98
4) Vinyl Chloride	2.443	62	84005	20.751	ug/l	99
5) Bromomethane	2.859	94	46300	25.208	ug/l	95
6) Chloroethane	3.019	64	53917	21.368	ug/l	97
7) Trichlorofluoromethane	3.373	101	128723	22.407	ug/l	98
8) Diethyl Ether	3.821	74	52590	22.563	ug/l	98
9) 1,1,2-Trichlorotrifluo...	4.208	101	70885	20.926	ug/l #	55
10) Methyl Iodide	4.414	142	72348	22.932	ug/l	94
11) Tert butyl alcohol	5.385	59	73408	84.287	ug/l	96
12) 1,1-Dichloroethene	4.175	96	70307	21.342	ug/l	98
13) Acrolein	4.044	56	65213	110.464	ug/l	99
14) Allyl chloride	4.838	41	144665	19.916	ug/l	94
15) Acrylonitrile	5.559	53	220676	111.687	ug/l	99
16) Acetone	4.291	43	198505	97.108	ug/l	92
17) Carbon Disulfide	4.524	76	221036	20.657	ug/l	99
18) Methyl Acetate	4.859	43	101683	20.203	ug/l	97
19) Methyl tert-butyl Ether	5.621	73	273803	20.949	ug/l	99
20) Methylene Chloride	5.093	84	88486	20.325	ug/l	97
21) trans-1,2-Dichloroethene	5.594	96	73933	20.402	ug/l	98
22) Diisopropyl ether	6.498	45	298691	21.957	ug/l	99
23) Vinyl Acetate	6.436	43	1255007	101.872	ug/l	100
24) 1,1-Dichloroethane	6.388	63	162583	21.415	ug/l	98
25) 2-Butanone	7.343	43	306427	103.745	ug/l	96
26) 2,2-Dichloropropane	7.324	77	134619	17.978	ug/l	96
27) cis-1,2-Dichloroethene	7.324	96	87169	20.350	ug/l	99
28) Bromochloromethane	7.657	49	74511	20.933	ug/l	91
29) Tetrahydrofuran	7.691	42	198627	106.312	ug/l	97
30) Chloroform	7.820	83	151639	19.299	ug/l	100
31) Cyclohexane	8.094	56	157974	21.207	ug/l	98
32) 1,1,1-Trichloroethane	8.016	97	128937	18.204	ug/l	98
36) 1,1-Dichloropropene	8.223	75	117437	18.107	ug/l	98
37) Ethyl Acetate	7.415	43	125947	18.349	ug/l	97
38) Carbon Tetrachloride	8.206	117	101870	15.163	ug/l	98
39) Methylcyclohexane	9.462	83	138723	20.121	ug/l	99
40) Benzene	8.461	78	356679	19.590	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.641	41	63520	17.990	ug/l	96
42) 1,2-Dichloroethane	8.531	62	125850	16.792	ug/l	98
43) Isopropyl Acetate	8.563	43	219734	17.964	ug/l	97
44) Trichloroethene	9.220	130	72006	17.404	ug/l	97
45) 1,2-Dichloropropane	9.491	63	98202	20.084	ug/l	98
46) Dibromomethane	9.580	93	58791	18.054	ug/l	93
47) Bromodichloromethane	9.765	83	118242	16.357	ug/l	97
48) Methyl methacrylate	9.563	41	95145	17.180	ug/l	96
49) 1,4-Dioxane	9.572	88	28197	370.848	ug/l	98
51) 4-Methyl-2-Pentanone	10.333	43	654026	92.630	ug/l	98
52) Toluene	10.508	92	209542	18.429	ug/l	98
53) t-1,3-Dichloropropene	10.719	75	131605	16.380	ug/l	97
54) cis-1,3-Dichloropropene	10.191	75	149117	18.110	ug/l	90
55) 1,1,2-Trichloroethane	10.899	97	79480	18.044	ug/l	96
56) Ethyl methacrylate	10.762	69	141084	17.872	ug/l	93
57) 1,3-Dichloropropane	11.047	76	149905	18.563	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.044	63	157691	70.824	ug/l	94
59) 2-Hexanone	11.090	43	453004	87.938	ug/l	96
60) Dibromochloromethane	11.240	129	69465	14.887	ug/l	96
61) 1,2-Dibromoethane	11.347	107	77094	16.913	ug/l	99
64) Tetrachloroethene	10.982	164	63467	17.935	ug/l	98
65) Chlorobenzene	11.771	112	196443	17.924	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.840	131	66731	16.596	ug/l	96
67) Ethyl Benzene	11.846	91	404241	18.566	ug/l	100
68) m/p-Xylenes	11.956	106	276355	36.012	ug/l	99
69) o-Xylene	12.283	106	140027	18.587	ug/l	99
70) Styrene	12.296	104	225684	18.113	ug/l	98
71) Bromoform	12.460	173	42754	14.150	ug/l #	98
73) Isopropylbenzene	12.581	105	361851	19.615	ug/l	99
74) N-amyl acetate	12.390	43	168906	18.777	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.830	83	119505	21.481	ug/l	99
76) 1,2,3-Trichloropropane	12.884	75	102518m	20.180	ug/l	
77) Bromobenzene	12.862	156	66733	18.031	ug/l	89
78) n-propylbenzene	12.921	91	449427	20.341	ug/l	97
79) 2-Chlorotoluene	13.010	91	265052	19.425	ug/l	100
80) 1,3,5-Trimethylbenzene	13.061	105	296797	19.197	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.629	75	35355	17.504	ug/l	93
82) 4-Chlorotoluene	13.106	91	255948	18.904	ug/l	97
83) tert-Butylbenzene	13.324	119	235479	19.234	ug/l	100
84) 1,2,4-Trimethylbenzene	13.369	105	288044	18.883	ug/l	100
85) sec-Butylbenzene	13.503	105	350553	19.966	ug/l	96
86) p-Isopropyltoluene	13.619	119	261047	18.648	ug/l	97
87) 1,3-Dichlorobenzene	13.616	146	121223	18.261	ug/l	99
88) 1,4-Dichlorobenzene	13.696	146	119753	17.929	ug/l	99
89) n-Butylbenzene	13.943	91	254220	19.131	ug/l	97
90) Hexachloroethane	14.211	117	47382	17.424	ug/l	89
91) 1,2-Dichlorobenzene	13.991	146	121940	19.219	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.603	75	20542	15.471	ug/l	99
93) 1,2,4-Trichlorobenzene	15.263	180	51677	15.961	ug/l	99
94) Hexachlorobutadiene	15.373	225	26417	14.424	ug/l	97
95) Naphthalene	15.507	128	159293	16.080	ug/l	99
96) 1,2,3-Trichlorobenzene	15.703	180	48465	15.594	ug/l	99

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

