

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN060421\
 Data File : VN067202.D
 Acq On : 4 Jun 2021 17:19
 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
 6/7/2021 7:20:56 PM

Quant Time: Jun 04 18:44:33 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060421W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 04 18:41:20 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.091	168	207306	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.973	114	366437	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.749	117	352164	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.680	152	187531	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.442	65	51995	16.559	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	33.120%#		
35) Dibromofluoromethane	8.027	113	40537	18.102	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	36.200%#		
50) Toluene-d8	10.446	98	164842	18.819	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	37.640%#		
62) 4-Bromofluorobenzene	12.736	95	60739	19.917	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	39.840%#		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.073	85	41775	16.603	ug/l	96
3) Chloromethane	2.298	50	62191	17.388	ug/l	98
4) Vinyl Chloride	2.445	62	75450	23.372	ug/l	99
5) Bromomethane	2.864	94	56460	29.351	ug/l	100
6) Chloroethane	3.025	64	51820	28.477	ug/l	98
7) Trichlorofluoromethane	3.381	101	63064	17.313	ug/l	100
8) Diethyl Ether	3.832	74	24089	14.537	ug/l	86
9) 1,1,2-Trichlorotrifluo...	4.224	101	35817	15.754	ug/l #	62
10) Methyl Iodide	4.433	142	44142	13.411	ug/l	95
11) Tert butyl alcohol	5.388	59	40002	62.864	ug/l #	91
12) 1,1-Dichloroethene	4.191	96	36493	15.542	ug/l	95
13) Acrolein	4.049	56	14095	29.451	ug/l #	53
14) Allyl chloride	4.849	41	67289	13.146	ug/l #	87
15) Acrylonitrile	5.565	53	89772	68.686	ug/l	97
16) Acetone	4.299	43	92745	74.848	ug/l	92
17) Carbon Disulfide	4.537	76	102977	14.327	ug/l	100
18) Methyl Acetate	4.865	43	50445	14.417	ug/l	93
19) Methyl tert-butyl Ether	5.624	73	125185	15.685	ug/l	100
20) Methylene Chloride	5.106	84	41943	13.475	ug/l #	91
21) trans-1,2-Dichloroethene	5.605	96	40628	15.521	ug/l	96
22) Diisopropyl ether	6.503	45	127374	14.171	ug/l	94
23) Vinyl Acetate	6.442	43	609177	73.841	ug/l	95
24) 1,1-Dichloroethane	6.393	63	75731	14.544	ug/l	98
25) 2-Butanone	7.345	43	141718	71.683	ug/l	94
26) 2,2-Dichloropropane	7.332	77	73040	16.104	ug/l	99
27) cis-1,2-Dichloroethene	7.332	96	47189	15.518	ug/l	93
28) Bromochloromethane	7.665	49	36729	14.503	ug/l #	78
29) Tetrahydrofuran	7.694	42	81871	63.487	ug/l	95
30) Chloroform	7.823	83	83730	16.075	ug/l	97
31) Cyclohexane	8.099	56	68809	14.519	ug/l	98
32) 1,1,1-Trichloroethane	8.019	97	78225	17.401	ug/l	96
36) 1,1-Dichloropropene	8.228	75	62371	17.106	ug/l	97
37) Ethyl Acetate	7.421	43	58874	15.192	ug/l #	93
38) Carbon Tetrachloride	8.212	117	64658	21.473	ug/l	97
39) Methylcyclohexane	9.464	83	68962	17.128	ug/l	95
40) Benzene	8.464	78	193227	17.307	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.640	41	31172	16.341	ug/l #	63
42) 1,2-Dichloroethane	8.536	62	65814	17.212	ug/l	97
43) Isopropyl Acetate	8.566	43	113500	16.446	ug/l	93
44) Trichloroethene	9.220	130	46436	18.263	ug/l	88
45) 1,2-Dichloropropane	9.496	63	47104	15.666	ug/l	96
46) Dibromomethane	9.585	93	33675	17.990	ug/l #	83
47) Bromodichloromethane	9.767	83	68316	17.566	ug/l	100
48) Methyl methacrylate	9.566	41	46470	15.380	ug/l #	84
49) 1,4-Dioxane	9.585	88	15212	402.005	ug/l	92
51) 4-Methyl-2-Pentanone	10.336	43	332136	87.210	ug/l	92
52) Toluene	10.510	92	126036	18.449	ug/l	97
53) t-1,3-Dichloropropene	10.725	75	79600	18.945	ug/l	99
54) cis-1,3-Dichloropropene	10.196	75	80368	17.293	ug/l #	86
55) 1,1,2-Trichloroethane	10.902	97	47181	18.031	ug/l	95
56) Ethyl methacrylate	10.765	69	78729	20.325	ug/l #	84
57) 1,3-Dichloropropane	11.049	76	79736	17.638	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.046	63	74485	118.873	ug/l	95
59) 2-Hexanone	11.092	43	243415	110.734	ug/l	91
60) Dibromochloromethane	11.245	129	56296	20.160	ug/l	99
61) 1,2-Dibromoethane	11.352	107	50583	19.355	ug/l	98
64) Tetrachloroethene	10.982	164	42428	17.493	ug/l	94
65) Chlorobenzene	11.776	112	136429	18.953	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.846	131	52475	19.045	ug/l	100
67) Ethyl Benzene	11.851	91	249259	18.595	ug/l	100
68) m/p-Xylenes	11.958	106	198525	41.209	ug/l	94
69) o-Xylene	12.286	106	95667	19.377	ug/l	91
70) Styrene	12.299	104	164669	22.386	ug/l	96
71) Bromoform	12.463	173	41987	22.219	ug/l #	100
73) Isopropylbenzene	12.583	105	247928	14.050	ug/l	99
74) N-amyl acetate	12.393	43	103321	27.339	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.833	83	73213	12.714	ug/l	99
76) 1,2,3-Trichloropropane	12.886	75	67815m	13.812	ug/l	
77) Bromobenzene	12.868	156	57929	16.042	ug/l	82
78) n-propylbenzene	12.927	91	293685	15.498	ug/l	96
79) 2-Chlorotoluene	13.112	91	178484	14.481	ug/l	95
80) 1,3,5-Trimethylbenzene	13.063	105	221156	15.092	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.632	75	26255	18.154	ug/l	92
82) 4-Chlorotoluene	13.012	91	172156	15.709	ug/l	98
83) tert-Butylbenzene	13.329	119	184497	13.950	ug/l	90
84) 1,2,4-Trimethylbenzene	13.372	105	223233	16.696	ug/l	96
85) sec-Butylbenzene	13.509	105	261178	15.796	ug/l	98
86) p-Isopropyltoluene	13.621	119	232662	17.782	ug/l	96
87) 1,3-Dichlorobenzene	13.619	146	112743	18.280	ug/l	97
88) 1,4-Dichlorobenzene	13.699	146	111509	16.993	ug/l	95
89) n-Butylbenzene	13.948	91	209896	19.144	ug/l	96
90) Hexachloroethane	14.217	117	39684	14.902	ug/l	82
91) 1,2-Dichlorobenzene	13.994	146	109512	18.611	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.608	75	15570	15.695	ug/l	81
93) 1,2,4-Trichlorobenzene	15.271	180	48406	17.824	ug/l	98
94) Hexachlorobutadiene	15.375	225	28418	17.360	ug/l	98
95) Naphthalene	15.512	128	126359	17.676	ug/l	99
96) 1,2,3-Trichlorobenzene	15.705	180	43618	16.374	ug/l	99

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

