

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121321\
 Data File : VN070046.D
 Acq On : 13 Dec 2021 22:26
 Operator : JC/MD
 Sample : VN1213WBSD02
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1213WBSD02

Quant Time: Dec 14 07:28:53 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N120221W.M
 Quant Title : SW846 8260
 QLast Update : Fri Dec 03 08:46:47 2021
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 12/14/2021
 Supervised By : Amit Patel 12/15/2021

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

Internal Standards						
1) Pentafluorobenzene	8.086	168	928541	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	1546681	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.744	117	1428594	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	583978	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.437	65	749553	52.282	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 104.560%			
35) Dibromofluoromethane	8.021	113	520808	53.758	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 107.520%			
50) Toluene-d8	10.440	98	1966604	50.554	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 101.100%			
62) 4-Bromofluorobenzene	12.731	95	699140	49.609	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 99.220%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.073	85	205196	18.947	ug/l	100
3) Chloromethane	2.303	50	246812	18.191	ug/l	97
4) Vinyl Chloride	2.445	62	231188	18.531	ug/l	99
5) Bromomethane	2.848	94	124440	18.360	ug/l	97
6) Chloroethane	3.014	64	139620	18.263	ug/l	96
7) Trichlorofluoromethane	3.373	101	301241	18.398	ug/l	97
8) Diethyl Ether	3.824	74	127233	20.175	ug/l	83
9) 1,1,2-Trichlorotrifluo...	4.207	101	179977	19.609	ug/l	96
10) Methyl Iodide	4.419	142	234041	18.665	ug/l	98
11) Tert butyl alcohol	5.382	59	241685	89.183	ug/l	97
12) 1,1-Dichloroethene	4.178	96	169075	19.116	ug/l	87
13) Acrolein	4.041	56	207390	89.865	ug/l	99
14) Allyl chloride	4.840	41	399588	20.049	ug/l	92
15) Acrylonitrile	5.554	53	705500	96.612	ug/l	99
16) Acetone	4.288	43	706989	81.978	ug/l	98
17) Carbon Disulfide	4.524	76	463627	20.290	ug/l	100
18) Methyl Acetate	4.856	43	495952	19.052	ug/l	90
19) Methyl tert-butyl Ether	5.618	73	666079	19.368	ug/l	96
20) Methylene Chloride	5.095	84	221581	19.327	ug/l	86
21) trans-1,2-Dichloroethene	5.597	96	182229	18.969	ug/l #	82
22) Diisopropyl ether	6.495	45	807755	20.735	ug/l #	95
23) Vinyl Acetate	6.433	43	3180172	100.345	ug/l #	94
24) 1,1-Dichloroethane	6.388	63	411001	20.368	ug/l	98
25) 2-Butanone	7.337	43	1056050	90.124	ug/l	91
26) 2,2-Dichloropropane	7.324	77	283590	18.075	ug/l	97
27) cis-1,2-Dichloroethene	7.329	96	224371	19.331	ug/l	86
28) Bromochloromethane	7.656	49	238308	22.710	ug/l #	77
29) Tetrahydrofuran	7.686	42	682041	95.856	ug/l	88
30) Chloroform	7.817	83	415229	20.375	ug/l	100
31) Cyclohexane	8.094	56	379410	19.016	ug/l	89
32) 1,1,1-Trichloroethane	8.013	97	350483	20.190	ug/l	94
36) 1,1-Dichloropropene	8.220	75	288303	19.581	ug/l	96
37) Ethyl Acetate	7.412	43	393969	17.977	ug/l	95
38) Carbon Tetrachloride	8.204	117	301914	20.910	ug/l	99
39) Methylcyclohexane	9.459	83	320181	18.282	ug/l	89
40) Benzene	8.458	78	889278	19.759	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.635	41	212509	20.657	ug/l #	87
42) 1,2-Dichloroethane	8.531	62	361331	19.889	ug/l	96
43) Isopropyl Acetate	8.563	43	621344	19.159	ug/l #	94
44) Trichloroethene	9.215	130	202425	18.845	ug/l	89
45) 1,2-Dichloropropane	9.488	63	243514	20.149	ug/l	96
46) Dibromomethane	9.577	93	160210	20.213	ug/l	93
47) Bromodichloromethane	9.762	83	336421	22.418	ug/l	96
48) Methyl methacrylate	9.561	41	290463	19.192	ug/l	88
49) 1,4-Dioxane	9.569	88	97510	359.077	ug/l #	81
51) 4-Methyl-2-Pentanone	10.330	43	2113072	100.439	ug/l	94
52) Toluene	10.505	92	540094	19.657	ug/l	98
53) t-1,3-Dichloropropene	10.719	75	323441	19.710	ug/l	97
54) cis-1,3-Dichloropropene	10.191	75	355799	20.028	ug/l	90
55) 1,1,2-Trichloroethane	10.899	97	223530	20.163	ug/l	97
56) Ethyl methacrylate	10.759	69	353517	18.409	ug/l #	86
57) 1,3-Dichloropropane	11.044	76	387296	19.840	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.041	63	441830	90.852	ug/l	89
59) 2-Hexanone	11.084	43	1494967	93.935	ug/l	92
60) Dibromochloromethane	11.237	129	240626	21.671	ug/l	99
61) 1,2-Dibromoethane	11.344	107	220495	19.202	ug/l	98
64) Tetrachloroethene	10.977	164	181120	18.698	ug/l	95
65) Chlorobenzene	11.771	112	560300	19.333	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.840	131	217583	21.330	ug/l	100
67) Ethyl Benzene	11.843	91	1036468	19.688	ug/l	95
68) m/p-Xylenes	11.953	106	759419	39.618	ug/l	92
69) o-Xylene	12.280	106	372078	19.271	ug/l	90
70) Styrene	12.294	104	616403	20.133	ug/l	95
71) Bromoform	12.457	173	181349	22.381	ug/l #	99
73) Isopropylbenzene	12.578	105	988166	19.019	ug/l	97
74) N-amyl acetate	12.387	43	421002	18.322	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.827	83	357988	19.925	ug/l	99
76) 1,2,3-Trichloropropane	12.881	75	336771m	20.109	ug/l	
77) Bromobenzene	12.859	156	234441	19.210	ug/l	78
78) n-propylbenzene	12.921	91	1100563	19.035	ug/l	95
79) 2-Chlorotoluene	13.007	91	698778	19.127	ug/l	92
80) 1,3,5-Trimethylbenzene	13.058	105	799257	19.112	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.623	75	92387	20.649	ug/l	94
82) 4-Chlorotoluene	13.106	91	659659	19.200	ug/l	92
83) tert-Butylbenzene	13.323	119	690416	18.645	ug/l	92
84) 1,2,4-Trimethylbenzene	13.369	105	780369	19.594	ug/l	97
85) sec-Butylbenzene	13.500	105	940073	18.716	ug/l	98
86) p-Isopropyltoluene	13.616	119	740171	18.852	ug/l	96
87) 1,3-Dichlorobenzene	13.616	146	387269	19.316	ug/l	97
88) 1,4-Dichlorobenzene	13.694	146	366853	18.619	ug/l	95
89) n-Butylbenzene	13.943	91	574293	18.032	ug/l	97
90) Hexachloroethane	14.209	117	150089	21.774	ug/l	89
91) 1,2-Dichlorobenzene	13.989	146	374491	19.170	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.603	75	66546	20.497	ug/l	76
93) 1,2,4-Trichlorobenzene	15.263	180	164047	19.014	ug/l	98
94) Hexachlorobutadiene	15.370	225	101568	19.618	ug/l	99
95) Naphthalene	15.507	128	446247	18.375	ug/l	99
96) 1,2,3-Trichlorobenzene	15.700	180	162667	19.007	ug/l	97

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

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