

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120321\
 Data File : VN069736.D
 Acq On : 3 Dec 2021 23:43
 Operator : JC/MD
 Sample : VN1203WBSD02
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1203WBSD02

Quant Time: Dec 04 05:39:03 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 12/04/2021
 Supervised By : Mahesh Dadoda 12/06/2021

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

Internal Standards						
1) Pentafluorobenzene	8.086	168	1065301	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	1774001	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.744	117	1637449	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	647103	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.437	65	873011	53.076	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 106.160%			
35) Dibromofluoromethane	8.021	113	591829	53.261	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 106.520%			
50) Toluene-d8	10.440	98	2369799	53.113	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 106.220%			
62) 4-Bromofluorobenzene	12.731	95	797510	49.338	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 98.680%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.073	85	250037	20.124	ug/l	98
3) Chloromethane	2.306	50	290620	18.670	ug/l	100
4) Vinyl Chloride	2.448	62	271365	18.959	ug/l	98
5) Bromomethane	2.859	94	160369	20.623	ug/l	99
6) Chloroethane	3.022	64	165390	18.856	ug/l	95
7) Trichlorofluoromethane	3.382	101	363739	19.363	ug/l	97
8) Diethyl Ether	3.827	74	135698	18.755	ug/l	83
9) 1,1,2-Trichlorotrifluo...	4.205	101	200410	19.032	ug/l	95
10) Methyl Iodide	4.419	142	273408	19.005	ug/l	97
11) Tert butyl alcohol	5.377	59	237271	76.314	ug/l	100
12) 1,1-Dichloroethene	4.183	96	190593	18.782	ug/l	86
13) Acrolein	4.041	56	194422	73.431	ug/l	97
14) Allyl chloride	4.840	41	412617	18.045	ug/l	94
15) Acrylonitrile	5.557	53	698750	83.403	ug/l	97
16) Acetone	4.291	43	677439	68.467	ug/l	98
17) Carbon Disulfide	4.529	76	476117	18.161	ug/l	98
18) Methyl Acetate	4.857	43	507846	17.004	ug/l	91
19) Methyl tert-butyl Ether	5.618	73	739908	18.753	ug/l	96
20) Methylene Chloride	5.095	84	240843	18.310	ug/l #	84
21) trans-1,2-Dichloroethene	5.599	96	202088	18.335	ug/l	89
22) Diisopropyl ether	6.495	45	866496	19.388	ug/l	96
23) Vinyl Acetate	6.436	43	3404906	93.644	ug/l	95
24) 1,1-Dichloroethane	6.388	63	442857	19.129	ug/l	98
25) 2-Butanone	7.337	43	1047028	77.883	ug/l	92
26) 2,2-Dichloropropane	7.327	77	301364	16.742	ug/l	97
27) cis-1,2-Dichloroethene	7.327	96	248738	18.679	ug/l	87
28) Bromochloromethane	7.657	49	233277	19.377	ug/l #	78
29) Tetrahydrofuran	7.686	42	700909	85.861	ug/l	88
30) Chloroform	7.817	83	444574	19.014	ug/l	99
31) Cyclohexane	8.094	56	439338	19.193	ug/l	89
32) 1,1,1-Trichloroethane	8.013	97	375358	18.847	ug/l	96
36) 1,1-Dichloropropene	8.222	75	328138	19.430	ug/l	96
37) Ethyl Acetate	7.415	43	441716	17.573	ug/l #	93
38) Carbon Tetrachloride	8.206	117	312599	18.876	ug/l	98
39) Methylcyclohexane	9.459	83	376237	18.730	ug/l #	87
40) Benzene	8.458	78	992547	19.228	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.635	41	204859	17.362	ug/l	91
42) 1,2-Dichloroethane	8.531	62	396602	19.033	ug/l	97
43) Isopropyl Acetate	8.563	43	661630	17.787	ug/l #	94
44) Trichloroethene	9.215	130	235142	19.085	ug/l	92
45) 1,2-Dichloropropane	9.488	63	264916	19.111	ug/l	99
46) Dibromomethane	9.574	93	170219	18.724	ug/l	93
47) Bromodichloromethane	9.762	83	325360	18.902	ug/l	99
48) Methyl methacrylate	9.561	41	303049	17.458	ug/l	88
49) 1,4-Dioxane	9.569	88	99212	318.530	ug/l #	82
51) 4-Methyl-2-Pentanone	10.331	43	2128069	88.190	ug/l	95
52) Toluene	10.505	92	609981	19.355	ug/l	97
53) t-1,3-Dichloropropene	10.717	75	321226	17.441	ug/l	97
54) cis-1,3-Dichloropropene	10.188	75	362889	18.031	ug/l #	89
55) 1,1,2-Trichloroethane	10.899	97	236071	18.565	ug/l	95
56) Ethyl methacrylate	10.760	69	382123	17.480	ug/l #	86
57) 1,3-Dichloropropane	11.044	76	426897	19.067	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.041	63	376003	72.154	ug/l	91
59) 2-Hexanone	11.084	43	1475241	80.818	ug/l	92
60) Dibromochloromethane	11.237	129	223221	17.982	ug/l	99
61) 1,2-Dibromoethane	11.344	107	239546	18.188	ug/l	99
64) Tetrachloroethene	10.977	164	221479	19.948	ug/l	96
65) Chlorobenzene	11.768	112	623673	18.775	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.840	131	225165	19.258	ug/l	98
67) Ethyl Benzene	11.843	91	1147492	19.017	ug/l	96
68) m/p-Xylenes	11.953	106	842038	38.325	ug/l	91
69) o-Xylene	12.278	106	418852	18.926	ug/l	92
70) Styrene	12.294	104	663380	18.904	ug/l	96
71) Bromoform	12.457	173	151710	17.073	ug/l #	99
73) Isopropylbenzene	12.578	105	1087221	18.884	ug/l	98
74) N-amyl acetate	12.388	43	421196	16.542	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.825	83	363119	18.239	ug/l	99
76) 1,2,3-Trichloropropane	12.878	75	318864m	17.183	ug/l	
77) Bromobenzene	12.860	156	249782	18.470	ug/l	80
78) n-propylbenzene	12.919	91	1208889	18.869	ug/l	96
79) 2-Chlorotoluene	13.007	91	756847	18.696	ug/l	94
80) 1,3,5-Trimethylbenzene	13.058	105	891092	19.229	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.626	75	75776	16.340	ug/l #	83
82) 4-Chlorotoluene	13.104	91	707145	18.574	ug/l	93
83) tert-Butylbenzene	13.321	119	762256	18.577	ug/l	93
84) 1,2,4-Trimethylbenzene	13.366	105	852618	19.319	ug/l	99
85) sec-Butylbenzene	13.501	105	1037931	18.649	ug/l	97
86) p-Isopropyltoluene	13.616	119	802822	18.453	ug/l	96
87) 1,3-Dichlorobenzene	13.616	146	409491	18.432	ug/l	97
88) 1,4-Dichlorobenzene	13.694	146	396991	18.183	ug/l	97
89) n-Butylbenzene	13.943	91	607224	17.206	ug/l	97
90) Hexachloroethane	14.209	117	137469	17.998	ug/l	86
91) 1,2-Dichlorobenzene	13.989	146	401698	18.557	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.603	75	58584	16.284	ug/l	77
93) 1,2,4-Trichlorobenzene	15.263	180	158572	16.954	ug/l	97
94) Hexachlorobutadiene	15.370	225	104464	18.209	ug/l	98
95) Naphthalene	15.507	128	407685	15.849	ug/l	99
96) 1,2,3-Trichlorobenzene	15.700	180	154692	16.658	ug/l	98

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

