

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN122121\
 Data File : VN070261.D
 Acq On : 21 Dec 2021 12:30
 Operator : JC/MD
 Sample : VN1221WBSD01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1221WBSD01

Quant Time: Dec 21 15:24:37 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 12/22/2021
 Supervised By : Semsettin Yesilyurt 12/23/2021

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

Internal Standards						
1) Pentafluorobenzene	8.083	168	899603	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.965	114	1456808	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.744	117	1325371	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	561644	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.437	65	727260	52.359	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 104.720%			
35) Dibromofluoromethane	8.021	113	498242	54.601	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 109.200%			
50) Toluene-d8	10.440	98	1910128	52.132	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 104.260%			
62) 4-Bromofluorobenzene	12.728	95	703090	52.967	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 105.940%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.073	85	176349	16.807	ug/l	96
3) Chloromethane	2.303	50	216778	16.491	ug/l	99
4) Vinyl Chloride	2.448	62	200757	16.609	ug/l	100
5) Bromomethane	2.864	94	123493	18.806	ug/l	97
6) Chloroethane	3.027	64	131617	17.770	ug/l	97
7) Trichlorofluoromethane	3.382	101	292643	18.447	ug/l	98
8) Diethyl Ether	3.827	74	132973	21.764	ug/l	85
9) 1,1,2-Trichlorotrifluo...	4.210	101	186992	21.028	ug/l	95
10) Methyl Iodide	4.422	142	231355	19.044	ug/l	98
11) Tert butyl alcohol	5.372	59	231887	88.320	ug/l #	85
12) 1,1-Dichloroethene	4.183	96	167896	19.593	ug/l	90
13) Acrolein	4.039	56	227535	101.766	ug/l	98
14) Allyl chloride	4.843	41	391979	20.300	ug/l #	92
15) Acrylonitrile	5.551	53	692247	97.846	ug/l	100
16) Acetone	4.288	43	802180	96.007	ug/l	97
17) Carbon Disulfide	4.529	76	338607	15.295	ug/l	100
18) Methyl Acetate	4.854	43	481893	19.107	ug/l	93
19) Methyl tert-butyl Ether	5.616	73	747564	22.437	ug/l	95
20) Methylene Chloride	5.095	84	218866	19.704	ug/l	87
21) trans-1,2-Dichloroethene	5.599	96	176265	18.938	ug/l	86
22) Diisopropyl ether	6.495	45	859169	22.765	ug/l	95
23) Vinyl Acetate	6.434	43	3326395	108.335	ug/l #	94
24) 1,1-Dichloroethane	6.388	63	414367	21.195	ug/l	99
25) 2-Butanone	7.335	43	1064432	93.761	ug/l	91
26) 2,2-Dichloropropane	7.324	77	327771	21.563	ug/l	97
27) cis-1,2-Dichloroethene	7.327	96	234853	20.885	ug/l	87
28) Bromochloromethane	7.657	49	190745	18.762	ug/l #	80
29) Tetrahydrofuran	7.686	42	659071	95.607	ug/l	89
30) Chloroform	7.817	83	422403	21.393	ug/l	99
31) Cyclohexane	8.094	56	372245	19.257	ug/l	88
32) 1,1,1-Trichloroethane	8.013	97	349538	20.783	ug/l	96
36) 1,1-Dichloropropene	8.220	75	285785	20.607	ug/l	96
37) Ethyl Acetate	7.413	43	411744	19.948	ug/l	95
38) Carbon Tetrachloride	8.206	117	272934	20.069	ug/l	98
39) Methylcyclohexane	9.459	83	323841	19.631	ug/l	87
40) Benzene	8.458	78	883742	20.848	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.635	41	208674	21.536	ug/l	90
42) 1,2-Dichloroethane	8.528	62	365797	21.377	ug/l	97
43) Isopropyl Acetate	8.560	43	656174	21.482	ug/l #	94
44) Trichloroethene	9.215	130	210816	20.836	ug/l	92
45) 1,2-Dichloropropane	9.488	63	250134	21.974	ug/l	97
46) Dibromomethane	9.577	93	156803	21.004	ug/l	94
47) Bromodichloromethane	9.762	83	315287	22.306	ug/l	99
48) Methyl methacrylate	9.558	41	295411	20.723	ug/l	87
49) 1,4-Dioxane	9.569	88	90154	352.470	ug/l #	83
51) 4-Methyl-2-Pentanone	10.328	43	2095958	105.772	ug/l	95
52) Toluene	10.505	92	551503	21.310	ug/l	97
53) t-1,3-Dichloropropene	10.717	75	332893	21.278	ug/l	98
54) cis-1,3-Dichloropropene	10.188	75	358467	21.284	ug/l	90
55) 1,1,2-Trichloroethane	10.899	97	229751	22.003	ug/l	98
56) Ethyl methacrylate	10.760	69	384891	20.924	ug/l	90
57) 1,3-Dichloropropane	11.044	76	401667	21.846	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.041	63	467829	99.849	ug/l	91
59) 2-Hexanone	11.084	43	1496474	99.831	ug/l	94
60) Dibromochloromethane	11.237	129	215085	20.687	ug/l	100
61) 1,2-Dibromoethane	11.344	107	227214	21.008	ug/l	98
64) Tetrachloroethene	10.974	164	195971	21.806	ug/l	95
65) Chlorobenzene	11.768	112	586436	21.810	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.840	131	212797	22.486	ug/l	99
67) Ethyl Benzene	11.843	91	1085560	22.226	ug/l	96
68) m/p-Xylenes	11.953	106	782246	43.987	ug/l	91
69) o-Xylene	12.280	106	394641	22.031	ug/l	90
70) Styrene	12.294	104	633034	22.287	ug/l	95
71) Bromoform	12.457	173	151665	20.445	ug/l #	100
73) Isopropylbenzene	12.578	105	1049356	20.999	ug/l	98
74) N-amyl acetate	12.388	43	443723	20.079	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.825	83	358438	20.743	ug/l	98
76) 1,2,3-Trichloropropane	12.878	75	356152m	22.112	ug/l	
77) Bromobenzene	12.860	156	239033	20.365	ug/l	76
78) n-propylbenzene	12.919	91	1167853	21.002	ug/l	96
79) 2-Chlorotoluene	13.007	91	738472	21.018	ug/l	92
80) 1,3,5-Trimethylbenzene	13.058	105	856102	21.285	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.624	75	86038	20.124	ug/l	92
82) 4-Chlorotoluene	13.104	91	705473	21.350	ug/l	92
83) tert-Butylbenzene	13.324	119	744462	20.904	ug/l	92
84) 1,2,4-Trimethylbenzene	13.366	105	825216	21.544	ug/l	98
85) sec-Butylbenzene	13.501	105	1028380	21.288	ug/l	97
86) p-Isopropyltoluene	13.616	119	819391	21.700	ug/l	96
87) 1,3-Dichlorobenzene	13.616	146	406089	21.060	ug/l	96
88) 1,4-Dichlorobenzene	13.694	146	393567	20.769	ug/l	96
89) n-Butylbenzene	13.943	91	650464	21.236	ug/l	98
90) Hexachloroethane	14.209	117	129264	19.498	ug/l	86
91) 1,2-Dichlorobenzene	13.986	146	401377	21.363	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	14.603	75	59515	19.060	ug/l	78
93) 1,2,4-Trichlorobenzene	15.263	180	182266	21.519	ug/l	99
94) Hexachlorobutadiene	15.367	225	114206	22.936	ug/l	99
95) Naphthalene	15.507	128	498419	20.697	ug/l	100
96) 1,2,3-Trichlorobenzene	15.700	180	182183	21.734	ug/l	99

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

