

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN123021\
 Data File : VN070405.D
 Acq On : 30 Dec 2021 17:41
 Operator : JC/MD
 Sample : VN1230WBSD01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1230WBSD01

Manual Integrations
 APPROVED

Reviewed By :Amit
 Patel

Supervised By :mohammad
 ahmed
 01/03/2022

Quant Time: Dec 31 01:17:45 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N122721W.M
 Quant Title : SW846 8260
 QLast Update : Mon Dec 27 18:47:12 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.086	168	872291	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	1437565	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.744	117	1328436	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	514613	50.000	ug/l	0.00

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System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	609196	48.573	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	97.140%
35) Dibromofluoromethane	8.024	113	448514	51.565	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	103.140%
50) Toluene-d8	10.443	98	1751596	49.296	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	98.600%
62) 4-Bromofluorobenzene	12.731	95	607497	47.337	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	94.680%

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Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.073	85	205586	20.783	ug/l	99
3) Chloromethane	2.303	50	291222	21.642	ug/l	99
4) Vinyl Chloride	2.445	62	252662	20.623	ug/l	99
5) Bromomethane	2.853	94	133842	21.166	ug/l	98
6) Chloroethane	3.019	64	150084	20.342	ug/l	95
7) Trichlorofluoromethane	3.373	101	294390	19.964	ug/l	99
8) Diethyl Ether	3.824	74	139699	21.490	ug/l	80
9) 1,1,2-Trichlorotrifluo...	4.202	101	190531	21.125	ug/l	96
10) Methyl Iodide	4.419	142	256456	21.010	ug/l	99
11) Tert butyl alcohol	5.385	59	252798	121.055	ug/l	99
12) 1,1-Dichloroethene	4.175	96	185721	20.905	ug/l	88
13) Acrolein	4.041	56	157056	92.691	ug/l	99
14) Allyl chloride	4.838	41	444076	22.047	ug/l #	85
15) Acrylonitrile	5.559	53	810296	124.344	ug/l	99
16) Acetone	4.291	43	756952	92.973	ug/l	99
17) Carbon Disulfide	4.524	76	537697	22.173	ug/l	99
18) Methyl Acetate	4.859	43	555636	23.593	ug/l	91
19) Methyl tert-butyl Ether	5.624	73	710517	21.536	ug/l	95
20) Methylene Chloride	5.093	84	238586	21.180	ug/l	87
21) trans-1,2-Dichloroethene	5.597	96	198836	21.139	ug/l	85
22) Diisopropyl ether	6.501	45	881550	22.471	ug/l #	92
23) Vinyl Acetate	6.439	43	3442777	113.106	ug/l #	94
24) 1,1-Dichloroethane	6.388	63	435875	21.427	ug/l	98
25) 2-Butanone	7.340	43	1173914	114.514	ug/l	91
26) 2,2-Dichloropropane	7.327	77	302931	18.877	ug/l	98
27) cis-1,2-Dichloroethene	7.327	96	238891	21.285	ug/l	87
28) Bromochloromethane	7.659	49	185280	18.624	ug/l #	76
29) Tetrahydrofuran	7.691	42	793837	129.791	ug/l #	86
30) Chloroform	7.817	83	427048	21.761	ug/l	100
31) Cyclohexane	8.096	56	420408	21.242	ug/l	90
32) 1,1,1-Trichloroethane	8.013	97	358952	21.693	ug/l	96
36) 1,1-Dichloropropene	8.222	75	301531	20.956	ug/l	96
37) Ethyl Acetate	7.418	43	448314	24.037	ug/l	96
38) Carbon Tetrachloride	8.206	117	306994	22.344	ug/l	98
39) Methylcyclohexane	9.462	83	353919	20.317	ug/l	89
40) Benzene	8.461	78	966043	21.899	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.638	41	234686	25.157	ug/l #	86
42) 1,2-Dichloroethane	8.534	62	356965	21.529	ug/l	98
43) Isopropyl Acetate	8.566	43	678652	23.079	ug/l #	94
44) Trichloroethene	9.217	130	216326	20.639	ug/l	90
45) 1,2-Dichloropropane	9.491	63	264523	22.271	ug/l	99
46) Dibromomethane	9.580	93	164013	22.207	ug/l	94
47) Bromodichloromethane	9.765	83	342635	23.365	ug/l	99
48) Methyl methacrylate	9.563	41	311577	22.214	ug/l #	84
49) 1,4-Dioxane	9.571	88	107622	524.176	ug/l #	81
51) 4-Methyl-2-Pentanone	10.333	43	2317471	125.423	ug/l	96
52) Toluene	10.505	92	584602	21.894	ug/l	97
53) t-1,3-Dichloropropene	10.719	75	340428	21.443	ug/l	98
54) cis-1,3-Dichloropropene	10.191	75	379663	22.107	ug/l	95
55) 1,1,2-Trichloroethane	10.899	97	236086	22.347	ug/l	97
56) Ethyl methacrylate	10.762	69	386613	22.148	ug/l #	88
57) 1,3-Dichloropropane	11.047	76	417740	22.356	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.044	63	424385	106.643	ug/l	91
59) 2-Hexanone	11.087	43	1649370	122.407	ug/l	94
60) Dibromochloromethane	11.240	129	248877	24.145	ug/l	99
61) 1,2-Dibromoethane	11.347	107	237298	22.122	ug/l	99
64) Tetrachloroethene	10.980	164	187314	19.472	ug/l	97
65) Chlorobenzene	11.771	112	588129	20.865	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.843	131	228688	22.727	ug/l	98
67) Ethyl Benzene	11.846	91	1091744	21.140	ug/l	97
68) m/p-Xylenes	11.953	106	794141	42.244	ug/l	92
69) o-Xylene	12.280	106	395482	21.151	ug/l	93
70) Styrene	12.294	104	637996	21.558	ug/l	96
71) Bromoform	12.457	173	193785	25.949	ug/l #	99
73) Isopropylbenzene	12.581	105	1026070	21.471	ug/l	98
74) N-amyl acetate	12.390	43	439361	21.865	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.827	83	382484	23.303	ug/l	99
76) 1,2,3-Trichloropropane	12.881	75	323380m	22.799	ug/l	
77) Bromobenzene	12.860	156	237989	21.691	ug/l	77
78) n-propylbenzene	12.921	91	1129394	21.330	ug/l	96
79) 2-Chlorotoluene	13.007	91	719252	21.171	ug/l	93
80) 1,3,5-Trimethylbenzene	13.061	105	825473	21.555	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.626	75	103808	24.646	ug/l	99
82) 4-Chlorotoluene	13.106	91	671469	21.099	ug/l	92
83) tert-Butylbenzene	13.324	119	724411	21.482	ug/l	94
84) 1,2,4-Trimethylbenzene	13.369	105	805179	21.834	ug/l	98
85) sec-Butylbenzene	13.503	105	984483	21.504	ug/l	97
86) p-Isopropyltoluene	13.616	119	754756	20.987	ug/l	97
87) 1,3-Dichlorobenzene	13.616	146	382548	20.828	ug/l	97
88) 1,4-Dichlorobenzene	13.694	146	368586	20.344	ug/l	97
89) n-Butylbenzene	13.943	91	570972	19.034	ug/l	98
90) Hexachloroethane	14.211	117	165199	26.442	ug/l	91
91) 1,2-Dichlorobenzene	13.989	146	381639	21.196	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.606	75	71773	25.926	ug/l	79
93) 1,2,4-Trichlorobenzene	15.265	180	168670	19.881	ug/l	97
94) Hexachlorobutadiene	15.370	225	104565	21.207	ug/l	97
95) Naphthalene	15.507	128	472259	21.214	ug/l	100
96) 1,2,3-Trichlorobenzene	15.700	180	167903	21.174	ug/l	96

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

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