

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN011923\
 Data File : VN076314.D
 Acq On : 19 Jan 2023 11:43
 Operator : JC\MD
 Sample : VN0119WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0119WBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 01/20/2023
 Supervised By : Mahesh Dadoda 01/20/2023

Quant Time: Jan 20 00:52:12 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N011623W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 17 03:59:22 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	353915	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	570632	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	508638	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	238754	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	196039	49.471	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	98.940%		
35) Dibromofluoromethane	8.171	113	178518	50.011	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	100.020%		
50) Toluene-d8	10.571	98	650175	49.320	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	98.640%		
62) 4-Bromofluorobenzene	12.853	95	219877	51.092	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	102.180%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.142	85	67839	18.705	ug/l	94
3) Chloromethane	2.377	50	65902	17.550	ug/l	99
4) Vinyl Chloride	2.530	62	83462	18.127	ug/l	94
5) Bromomethane	2.971	94	76255	20.224	ug/l	100
6) Chloroethane	3.130	64	65649	19.014	ug/l	95
7) Trichlorofluoromethane	3.512	101	113488	17.916	ug/l	98
8) Diethyl Ether	3.983	74	42174	19.850	ug/l	97
9) 1,1,2-Trichlorotrifluo...	4.389	101	67116	18.716	ug/l	99
10) Methyl Iodide	4.606	142	102159	18.650	ug/l	99
11) Tert butyl alcohol	5.530	59	51444	97.057	ug/l	100
12) 1,1-Dichloroethene	4.359	96	62480	18.431	ug/l	96
13) Acrolein	4.195	56	71142	112.233	ug/l	97
14) Allyl chloride	5.036	41	72285	18.298	ug/l	96
15) Acrylonitrile	5.730	53	143617	95.216	ug/l	98
16) Acetone	4.442	43	118962	93.600	ug/l	97
17) Carbon Disulfide	4.730	76	139741	16.556	ug/l	99
18) Methyl Acetate	5.036	43	77961	18.109	ug/l	98
19) Methyl tert-butyl Ether	5.806	73	218142	19.767	ug/l	98
20) Methylene Chloride	5.283	84	76089	19.879	ug/l	99
21) trans-1,2-Dichloroethene	5.800	96	65527	17.843	ug/l	99
22) Diisopropyl ether	6.683	45	178360	19.146	ug/l	97
23) Vinyl Acetate	6.618	43	587049	97.503	ug/l	97
24) 1,1-Dichloroethane	6.577	63	116070	18.691	ug/l	99
25) 2-Butanone	7.489	43	179945	92.747	ug/l	99
26) 2,2-Dichloropropane	7.494	77	97738	18.675	ug/l	99
27) cis-1,2-Dichloroethene	7.500	96	80130	18.708	ug/l	97
28) Bromochloromethane	7.824	49	48029	19.082	ug/l	99
29) Tetrahydrofuran	7.847	42	117012	97.718	ug/l	99
30) Chloroform	7.971	83	127510	18.557	ug/l	95
31) Cyclohexane	8.265	56	105099	17.265	ug/l	96
32) 1,1,1-Trichloroethane	8.177	97	116017	18.494	ug/l	91
36) 1,1-Dichloropropene	8.377	75	92067	18.151	ug/l	98
37) Ethyl Acetate	7.571	43	78190	19.241	ug/l	96
38) Carbon Tetrachloride	8.371	117	101802	17.998	ug/l	96
39) Methylcyclohexane	9.606	83	115148	18.590	ug/l	97
40) Benzene	8.612	78	278898	18.389	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.788	41	38547	18.096	ug/l	93
42) 1,2-Dichloroethane	8.677	62	96455	18.587	ug/l	99
43) Isopropyl Acetate	8.694	43	124314	18.783	ug/l	98
44) Trichloroethene	9.359	130	78402	18.277	ug/l	99
45) 1,2-Dichloropropane	9.624	63	66994	18.449	ug/l	99
46) Dibromomethane	9.712	93	51735	18.870	ug/l	99
47) Bromodichloromethane	9.894	83	100042	18.814	ug/l	96
48) Methyl methacrylate	9.682	41	57958	18.497	ug/l	97
49) 1,4-Dioxane	9.700	88	26331	398.265	ug/l	98
51) 4-Methyl-2-Pentanone	10.447	43	376452	96.891	ug/l	100
52) Toluene	10.635	92	185516	18.291	ug/l	100
53) t-1,3-Dichloropropene	10.835	75	99041	19.538	ug/l	98
54) cis-1,3-Dichloropropene	10.312	75	111922	19.192	ug/l	98
55) 1,1,2-Trichloroethane	11.018	97	73129	18.863	ug/l	98
56) Ethyl methacrylate	10.877	69	99482	19.876	ug/l	99
57) 1,3-Dichloropropane	11.165	76	119227	18.924	ug/l	98
58) 2-Chloroethyl Vinyl ether	10.165	63	155387	91.962	ug/l	99
59) 2-Hexanone	11.200	43	269699	95.791	ug/l	100
60) Dibromochloromethane	11.359	129	80129	19.634	ug/l	99
61) 1,2-Dibromoethane	11.471	107	75840	19.598	ug/l	98
64) Tetrachloroethene	11.106	164	86086	18.768	ug/l	97
65) Chlorobenzene	11.894	112	199628	18.567	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.965	131	73767	18.440	ug/l	99
67) Ethyl Benzene	11.965	91	344523	18.722	ug/l	99
68) m/p-Xylenes	12.076	106	285435	38.683	ug/l	97
69) o-Xylene	12.400	106	140790	19.429	ug/l	98
70) Styrene	12.412	104	220855	19.088	ug/l	99
71) Bromoform	12.582	173	54970	19.027	ug/l #	98
73) Isopropylbenzene	12.700	105	361141	19.553	ug/l	100
74) N-amyl acetate	12.494	43	102199	19.236	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.941	83	97444	18.352	ug/l	98
76) 1,2,3-Trichloropropane	12.994	75	91666m	20.516	ug/l	
77) Bromobenzene	12.982	156	88216	20.093	ug/l	96
78) n-propylbenzene	13.035	91	399222	19.156	ug/l	100
79) 2-Chlorotoluene	13.129	91	240750	18.826	ug/l	99
80) 1,3,5-Trimethylbenzene	13.176	105	302735	19.565	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.741	75	27210	18.962	ug/l	99
82) 4-Chlorotoluene	13.129	91	240750	18.826	ug/l	99
83) tert-Butylbenzene	13.441	119	275645	20.029	ug/l	97
84) 1,2,4-Trimethylbenzene	13.482	105	299435	19.299	ug/l	100
85) sec-Butylbenzene	13.618	105	370202	19.386	ug/l	100
86) p-Isopropyltoluene	13.735	119	313138	19.941	ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	159191	18.286	ug/l	99
88) 1,4-Dichlorobenzene	13.812	146	153253	18.570	ug/l	99
89) n-Butylbenzene	14.059	91	236886	19.003	ug/l	99
90) Hexachloroethane	14.335	117	51574	19.029	ug/l	100
91) 1,2-Dichlorobenzene	14.106	146	156081	18.001	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.723	75	17285	18.728	ug/l	97
93) 1,2,4-Trichlorobenzene	15.394	180	73640	18.423	ug/l	99
94) Hexachlorobutadiene	15.506	225	40154	17.451	ug/l	96
95) Naphthalene	15.641	128	215385	18.563	ug/l	99
96) 1,2,3-Trichlorobenzene	15.847	180	71989	18.764	ug/l	100

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

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