

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120123\
 Data File : VN080312.D
 Acq On : 01 Dec 2023 09:52
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : John Carlone 12/04/2023
 Supervised By : Semsettin Yesilyurt 12/04/2023

Quant Time: Dec 01 22:29:25 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N111623W.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 17 01:19:32 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	223250	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	336686	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	303368	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	153146	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	170117	46.150	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	92.300%		
35) Dibromofluoromethane	8.165	113	125468	50.504	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	101.000%		
50) Toluene-d8	10.571	98	437731	48.879	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	97.760%		
62) 4-Bromofluorobenzene	12.853	95	167053	49.386	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	98.780%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.124	85	173583	52.198	ug/l	96
3) Chloromethane	2.365	50	118095	47.234	ug/l	99
4) Vinyl Chloride	2.518	62	133517	50.462	ug/l	98
5) Bromomethane	2.953	94	85798	47.767	ug/l	97
6) Chloroethane	3.124	64	84395	51.701	ug/l	94
7) Trichlorofluoromethane	3.501	101	292278	52.955	ug/l	96
8) Diethyl Ether	3.959	74	78715	49.038	ug/l	92
9) 1,1,2-Trichlorotrifluo...	4.371	101	130276	51.640	ug/l	94
10) Methyl Iodide	4.595	142	150291	55.125	ug/l #	87
11) Tert butyl alcohol	5.506	59	86126	212.463	ug/l	99
12) 1,1-Dichloroethene	4.342	96	121538	51.508	ug/l #	80
13) Acrolein	4.177	56	96696	269.539	ug/l	99
14) Allyl chloride	5.024	41	152748	51.453	ug/l	93
15) Acrylonitrile	5.712	53	240653	221.143	ug/l	98
16) Acetone	4.418	43	300736	242.899	ug/l	89
17) Carbon Disulfide	4.712	76	340901	48.386	ug/l	99
18) Methyl Acetate	5.024	43	158947	39.956	ug/l	96
19) Methyl tert-butyl Ether	5.794	73	426263	51.154	ug/l	98
20) Methylene Chloride	5.277	84	136594	52.682	ug/l	96
21) trans-1,2-Dichloroethene	5.789	96	136196	52.541	ug/l	90
22) Diisopropyl ether	6.671	45	327533	49.867	ug/l	95
23) Vinyl Acetate	6.600	43	950793	240.788	ug/l	96
24) 1,1-Dichloroethane	6.571	63	235619	49.253	ug/l	98
25) 2-Butanone	7.477	43	311562	211.800	ug/l	93
26) 2,2-Dichloropropane	7.488	77	244469	51.509	ug/l	96
27) cis-1,2-Dichloroethene	7.488	96	151740	51.631	ug/l	89
28) Bromochloromethane	7.812	49	85600	45.516	ug/l	97
29) Tetrahydrofuran	7.836	42	168885	213.845	ug/l	94
30) Chloroform	7.965	83	278045	52.001	ug/l	97
31) Cyclohexane	8.253	56	176987	44.149	ug/l	97
32) 1,1,1-Trichloroethane	8.171	97	278371	53.385	ug/l	97
36) 1,1-Dichloropropene	8.371	75	199409	55.441	ug/l	95
37) Ethyl Acetate	7.559	43	116051	46.516	ug/l	98
38) Carbon Tetrachloride	8.365	117	259987	56.961	ug/l	96
39) Methylcyclohexane	9.600	83	185215	53.406	ug/l #	87
40) Benzene	8.606	78	542462	53.066	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	62758	45.805	ug/l	93
42) 1,2-Dichloroethane	8.671	62	231354	55.318	ug/l	95
43) Isopropyl Acetate	8.688	43	201635	41.532	ug/l	98
44) Trichloroethene	9.353	130	149276	55.669	ug/l	98
45) 1,2-Dichloropropane	9.624	63	123434	51.959	ug/l	94
46) Dibromomethane	9.712	93	95519	53.117	ug/l	89
47) Bromodichloromethane	9.888	83	223088	56.397	ug/l	94
48) Methyl methacrylate	9.682	41	122512	48.967	ug/l	94
49) 1,4-Dioxane	9.694	88	35948	863.666	ug/l #	87
51) 4-Methyl-2-Pentanone	10.447	43	582655	231.809	ug/l	98
52) Toluene	10.629	92	356688	55.755	ug/l	99
53) t-1,3-Dichloropropene	10.835	75	224259	55.180	ug/l	97
54) cis-1,3-Dichloropropene	10.312	75	232717	56.047	ug/l	94
55) 1,1,2-Trichloroethane	11.018	97	126966	51.999	ug/l	99
56) Ethyl methacrylate	10.877	69	136187	54.597	ug/l	95
57) 1,3-Dichloropropane	11.165	76	224744	52.718	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.159	63	322092	229.201	ug/l	99
59) 2-Hexanone	11.194	43	461956	228.720	ug/l	98
60) Dibromochloromethane	11.359	129	164492	56.270	ug/l	99
61) 1,2-Dibromoethane	11.471	107	129132	51.840	ug/l	100
64) Tetrachloroethene	11.106	164	150276	64.909	ug/l	98
65) Chlorobenzene	11.894	112	366529	53.320	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.959	131	152063	57.004	ug/l	93
67) Ethyl Benzene	11.965	91	685258	56.021	ug/l	96
68) m/p-Xylenes	12.071	106	512540	114.922	ug/l	88
69) o-Xylene	12.400	106	244629	58.202	ug/l	87
70) Styrene	12.412	104	365293	58.392	ug/l	92
71) Bromoform	12.582	173	110209	55.710	ug/l #	99
73) Isopropylbenzene	12.694	105	641297	53.888	ug/l	99
74) N-amyl acetate	12.494	43	159888	43.083	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.941	83	152090	42.700	ug/l	98
76) 1,2,3-Trichloropropane	12.994	75	174141m	46.409	ug/l	
77) Bromobenzene	12.982	156	155336	51.772	ug/l	95
78) n-propylbenzene	13.035	91	715716	53.782	ug/l	100
79) 2-Chlorotoluene	13.129	91	459856	53.205	ug/l	97
80) 1,3,5-Trimethylbenzene	13.176	105	560556	54.111	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.735	75	52307	47.097	ug/l #	85
82) 4-Chlorotoluene	13.223	91	462440	52.227	ug/l	97
83) tert-Butylbenzene	13.441	119	436685	52.565	ug/l	93
84) 1,2,4-Trimethylbenzene	13.482	105	561728	55.068	ug/l	96
85) sec-Butylbenzene	13.618	105	555766	52.884	ug/l	98
86) p-Isopropyltoluene	13.729	119	524052	55.822	ug/l	97
87) 1,3-Dichlorobenzene	13.735	146	277969	51.421	ug/l	100
88) 1,4-Dichlorobenzene	13.812	146	277200	51.026	ug/l	98
89) n-Butylbenzene	14.059	91	419661	53.408	ug/l	99
90) Hexachloroethane	14.335	117	92546	50.566	ug/l	69
91) 1,2-Dichlorobenzene	14.106	146	262242	50.695	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.717	75	34553	41.765	ug/l	95
93) 1,2,4-Trichlorobenzene	15.394	180	139813	46.471	ug/l	97
94) Hexachlorobutadiene	15.506	225	81090	46.836	ug/l	99
95) Naphthalene	15.641	128	360366	41.305	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	128594	45.600	ug/l	98

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

