

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120823\
 Data File : VN080402.D
 Acq On : 08 Dec 2023 13:15
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Quant Time: Dec 08 22:36:14 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

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 12/12/2023
 Supervised By :Semsettin Yesilyurt 12/12/2023

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	200154	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	307049	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	286179	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	144246	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	172308	52.138	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 104.280%			
35) Dibromofluoromethane	8.165	113	127972	56.484	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 112.960%			
50) Toluene-d8	10.571	98	422463	51.727	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 103.460%			
62) 4-Bromofluorobenzene	12.847	95	168244	54.539	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 109.080%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.124	85	137616	46.158	ug/l	99
3) Chloromethane	2.365	50	100584	44.873	ug/l	100
4) Vinyl Chloride	2.512	62	107785	45.438	ug/l	99
5) Bromomethane	2.953	94	78801	48.934	ug/l	96
6) Chloroethane	3.118	64	75213	51.375	ug/l	97
7) Trichlorofluoromethane	3.501	101	247251	49.966	ug/l	98
8) Diethyl Ether	3.959	74	79445	55.204	ug/l	93
9) 1,1,2-Trichlorotrifluo...	4.371	101	111596	49.340	ug/l	94
10) Methyl Iodide	4.589	142	146674	60.006	ug/l #	86
11) Tert butyl alcohol	5.506	59	103284	284.191	ug/l	99
12) 1,1-Dichloroethene	4.342	96	108862	51.460	ug/l	89
13) Acrolein	4.177	56	108094	336.080	ug/l	99
14) Allyl chloride	5.024	41	133698	50.233	ug/l	94
15) Acrylonitrile	5.718	53	266793	273.453	ug/l	99
16) Acetone	4.418	43	231855	208.874	ug/l	94
17) Carbon Disulfide	4.712	76	281473	44.561	ug/l	99
18) Methyl Acetate	5.018	43	187977	52.706	ug/l	99
19) Methyl tert-butyl Ether	5.794	73	443257	59.332	ug/l	98
20) Methylene Chloride	5.283	84	137098	58.978	ug/l	95
21) trans-1,2-Dichloroethene	5.789	96	124510	53.575	ug/l	85
22) Diisopropyl ether	6.665	45	332266	56.425	ug/l	98
23) Vinyl Acetate	6.600	43	947928	267.764	ug/l	95
24) 1,1-Dichloroethane	6.565	63	227040	52.937	ug/l	98
25) 2-Butanone	7.483	43	296715	224.982	ug/l	98
26) 2,2-Dichloropropane	7.488	77	218746	51.408	ug/l	97
27) cis-1,2-Dichloroethene	7.488	96	146798	55.713	ug/l	89
28) Bromochloromethane	7.812	49	84577	50.161	ug/l	97
29) Tetrahydrofuran	7.836	42	186290	263.103	ug/l	97
30) Chloroform	7.965	83	276356	57.649	ug/l	95
31) Cyclohexane	8.253	56	145797	40.566	ug/l	94
32) 1,1,1-Trichloroethane	8.165	97	252308	53.970	ug/l	97
36) 1,1-Dichloropropene	8.371	75	176052	53.672	ug/l	96
37) Ethyl Acetate	7.559	43	125411	55.120	ug/l	96
38) Carbon Tetrachloride	8.365	117	228866	54.982	ug/l	99
39) Methylcyclohexane	9.600	83	151298	47.837	ug/l	94
40) Benzene	8.606	78	516372	55.389	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.783	41	72073	57.682	ug/l	91
42) 1,2-Dichloroethane	8.671	62	228319	59.862	ug/l	96
43) Isopropyl Acetate	8.688	43	218515	49.353	ug/l	98
44) Trichloroethene	9.353	130	141556	57.886	ug/l	100
45) 1,2-Dichloropropane	9.624	63	123540	57.023	ug/l	95
46) Dibromomethane	9.712	93	101769	62.055	ug/l	91
47) Bromodichloromethane	9.888	83	224740	62.298	ug/l	98
48) Methyl methacrylate	9.682	41	130674	57.270	ug/l	93
49) 1,4-Dioxane	9.694	88	42050	1107.783	ug/l #	87
51) 4-Methyl-2-Pentanone	10.447	43	630662	275.127	ug/l	99
52) Toluene	10.635	92	338242	57.975	ug/l	98
53) t-1,3-Dichloropropene	10.835	75	227033	61.254	ug/l	98
54) cis-1,3-Dichloropropene	10.312	75	233092	61.556	ug/l	95
55) 1,1,2-Trichloroethane	11.018	97	135244	60.735	ug/l	96
56) Ethyl methacrylate	10.876	69	142291	62.550	ug/l	94
57) 1,3-Dichloropropane	11.165	76	235709	60.627	ug/l	98
58) 2-Chloroethyl Vinyl ether	10.159	63	319702	249.459	ug/l	99
59) 2-Hexanone	11.194	43	463020	251.374	ug/l	98
60) Dibromochloromethane	11.359	129	171980	64.510	ug/l	100
61) 1,2-Dibromoethane	11.471	107	137393	60.480	ug/l	99
64) Tetrachloroethene	11.106	164	142408	65.205	ug/l	97
65) Chlorobenzene	11.894	112	358043	55.214	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.965	131	154329	61.328	ug/l	93
67) Ethyl Benzene	11.965	91	638000	55.291	ug/l	98
68) m/p-Xylenes	12.076	106	476267	113.203	ug/l	88
69) o-Xylene	12.400	106	231970	58.505	ug/l	88
70) Styrene	12.412	104	360328	61.058	ug/l	94
71) Bromoform	12.576	173	118217	63.348	ug/l #	98
73) Isopropylbenzene	12.700	105	587683	52.430	ug/l	99
74) N-amyl acetate	12.494	43	171352	49.021	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.941	83	167452	49.914	ug/l	98
76) 1,2,3-Trichloropropane	12.994	75	167255m	47.324	ug/l	
77) Bromobenzene	12.982	156	159925	56.590	ug/l	92
78) n-propylbenzene	13.035	91	652808	52.082	ug/l	100
79) 2-Chlorotoluene	13.123	91	438800	53.901	ug/l	98
80) 1,3,5-Trimethylbenzene	13.176	105	522967	53.597	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.741	75	54623	52.217	ug/l #	86
82) 4-Chlorotoluene	13.223	91	450269	53.990	ug/l	97
83) tert-Butylbenzene	13.441	119	408873	52.254	ug/l	95
84) 1,2,4-Trimethylbenzene	13.482	105	533162	55.492	ug/l	99
85) sec-Butylbenzene	13.617	105	512154	51.741	ug/l	99
86) p-Isopropyltoluene	13.729	119	485510	54.907	ug/l	98
87) 1,3-Dichlorobenzene	13.735	146	270952	53.216	ug/l	100
88) 1,4-Dichlorobenzene	13.812	146	272885	53.331	ug/l	97
89) n-Butylbenzene	14.059	91	380434	51.403	ug/l	99
90) Hexachloroethane	14.335	117	85071	49.350	ug/l	69
91) 1,2-Dichlorobenzene	14.106	146	270567	55.532	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.717	75	38593	49.527	ug/l	99
93) 1,2,4-Trichlorobenzene	15.394	180	142870	50.417	ug/l	96
94) Hexachlorobutadiene	15.506	225	76542	46.936	ug/l	98
95) Naphthalene	15.641	128	403037	49.047	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	136935	51.554	ug/l	97

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

