

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121223\
 Data File : VN080433.D
 Acq On : 12 Dec 2023 11:20
 Operator : JC\MD
 Sample : VSTDICC010
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC010

Quant Time: Dec 13 01:29:03 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N121223W.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 13 01:22:48 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 12/13/2023
 Supervised By : Mahesh Dadoda 12/13/2023

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	316591	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	507536	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	442507	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	218660	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	33055	8.175	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	16.340%#		
35) Dibromofluoromethane	8.165	113	25313	7.866	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	15.740%#		
50) Toluene-d8	10.565	98	93837	7.819	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	15.640%#		
62) 4-Bromofluorobenzene	12.853	95	36210	7.946	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	15.900%#		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.124	85	36643	9.057	ug/l	95
3) Chloromethane	2.359	50	38995	8.897	ug/l	99
4) Vinyl Chloride	2.518	62	30632	8.866	ug/l	98
5) Bromomethane	2.959	94	14599	9.372	ug/l	100
6) Chloroethane	3.130	64	21040	9.471	ug/l	92
7) Trichlorofluoromethane	3.495	101	63927	9.122	ug/l	92
8) Diethyl Ether	3.959	74	18933	8.577	ug/l	85
9) 1,1,2-Trichlorotrifluo...	4.365	101	29954	9.018	ug/l	92
10) Methyl Iodide	4.589	142	25541	8.742	ug/l #	97
11) Tert butyl alcohol	5.518	59	22431	47.102	ug/l #	91
12) 1,1-Dichloroethene	4.342	96	30849	9.064	ug/l	88
13) Acrolein	4.177	56	23300	44.676	ug/l	93
14) Allyl chloride	5.030	41	38212	9.075	ug/l	97
15) Acrylonitrile	5.712	53	61684	45.841	ug/l	99
16) Acetone	4.418	43	38329	53.459	ug/l	93
17) Carbon Disulfide	4.712	76	86226	8.940	ug/l	98
18) Methyl Acetate	5.018	43	42253	9.159	ug/l	96
19) Methyl tert-butyl Ether	5.789	73	102839	9.057	ug/l	98
20) Methylene Chloride	5.271	84	33007	8.602	ug/l	98
21) trans-1,2-Dichloroethene	5.783	96	33558	9.093	ug/l	85
22) Diisopropyl ether	6.677	45	84669	9.316	ug/l #	83
23) Vinyl Acetate	6.600	43	232495	44.541	ug/l	92
24) 1,1-Dichloroethane	6.565	63	58323	9.198	ug/l	94
25) 2-Butanone	7.477	43	69317	50.186	ug/l	91
26) 2,2-Dichloropropane	7.483	77	58222	8.979	ug/l	97
27) cis-1,2-Dichloroethene	7.483	96	37009	8.860	ug/l	87
28) Bromochloromethane	7.812	49	20821	8.552	ug/l	100
29) Tetrahydrofuran	7.836	42	45623	46.128	ug/l	93
30) Chloroform	7.965	83	63872	9.075	ug/l	96
31) Cyclohexane	8.253	56	50722	9.224	ug/l #	91
32) 1,1,1-Trichloroethane	8.171	97	63561	9.223	ug/l	96
36) 1,1-Dichloropropene	8.365	75	46880	8.910	ug/l	97
37) Ethyl Acetate	7.559	43	29845	9.058	ug/l #	77
38) Carbon Tetrachloride	8.353	117	54224	8.625	ug/l	88
39) Methylcyclohexane	9.600	83	48030	8.787	ug/l	88
40) Benzene	8.606	78	136206	8.965	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.771	41	17026	8.963	ug/l	93
42) 1,2-Dichloroethane	8.671	62	49300	8.762	ug/l	96
43) Isopropyl Acetate	8.688	43	53131	8.968	ug/l	98
44) Trichloroethene	9.359	130	36783	8.980	ug/l	91
45) 1,2-Dichloropropane	9.624	63	32452	9.094	ug/l	98
46) Dibromomethane	9.712	93	22691	8.854	ug/l #	89
47) Bromodichloromethane	9.888	83	49463	9.006	ug/l	99
48) Methyl methacrylate	9.682	41	31077	8.790	ug/l	88
49) 1,4-Dioxane	9.700	88	9333	174.170	ug/l #	92
51) 4-Methyl-2-Pentanone	10.441	43	150675	46.181	ug/l	99
52) Toluene	10.629	92	84588	8.813	ug/l	97
53) t-1,3-Dichloropropene	10.835	75	51794	8.716	ug/l	98
54) cis-1,3-Dichloropropene	10.312	75	56401	8.880	ug/l	96
55) 1,1,2-Trichloroethane	11.018	97	31785	9.203	ug/l	92
56) Ethyl methacrylate	10.877	69	34439	9.007	ug/l	90
57) 1,3-Dichloropropane	11.165	76	54412	8.987	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.159	63	110476	45.766	ug/l	98
59) 2-Hexanone	11.194	43	109992	45.665	ug/l	99
60) Dibromochloromethane	11.353	129	35796	8.747	ug/l	97
61) 1,2-Dibromoethane	11.471	107	32099	8.980	ug/l	99
64) Tetrachloroethene	11.106	164	30507	8.929	ug/l	96
65) Chlorobenzene	11.894	112	87928	8.932	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.965	131	34735	8.993	ug/l	94
67) Ethyl Benzene	11.965	91	161933	8.947	ug/l	99
68) m/p-Xylenes	12.071	106	120575	18.028	ug/l	89
69) o-Xylene	12.400	106	59345	9.071	ug/l	88
70) Styrene	12.412	104	86892	9.221	ug/l	95
71) Bromoform	12.582	173	25355	9.002	ug/l #	98
73) Isopropylbenzene	12.694	105	151306	8.614	ug/l	99
74) N-amyl acetate	12.494	43	44571	8.689	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.941	83	42104	8.945	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	39436m	8.276	ug/l	
77) Bromobenzene	12.982	156	37595	8.700	ug/l	98
78) n-propylbenzene	13.035	91	169035	8.728	ug/l	99
79) 2-Chlorotoluene	13.123	91	112351	8.886	ug/l	96
80) 1,3,5-Trimethylbenzene	13.176	105	135469	8.955	ug/l	95
81) trans-1,4-Dichloro-2-b...	12.735	75	15962	9.607	ug/l #	92
82) 4-Chlorotoluene	13.223	91	112724	8.674	ug/l	96
83) tert-Butylbenzene	13.435	119	107831	8.703	ug/l	97
84) 1,2,4-Trimethylbenzene	13.482	105	134089	8.910	ug/l	98
85) sec-Butylbenzene	13.618	105	138689	8.751	ug/l	98
86) p-Isopropyltoluene	13.729	119	125418	8.764	ug/l	98
87) 1,3-Dichlorobenzene	13.735	146	68047	8.938	ug/l	99
88) 1,4-Dichlorobenzene	13.812	146	68240	8.880	ug/l	96
89) n-Butylbenzene	14.053	91	104778	8.768	ug/l	98
90) Hexachloroethane	14.335	117	19957	8.781	ug/l	76
91) 1,2-Dichlorobenzene	14.106	146	66780	9.237	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.723	75	8347	8.431	ug/l	93
93) 1,2,4-Trichlorobenzene	15.388	180	34630	8.628	ug/l	93
94) Hexachlorobutadiene	15.506	225	21136	9.249	ug/l	95
95) Naphthalene	15.641	128	105912	8.689	ug/l	97
96) 1,2,3-Trichlorobenzene	15.841	180	33920	8.757	ug/l	98

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

