

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121223\
 Data File : VN080435.D
 Acq On : 12 Dec 2023 12:31
 Operator : JC\MD
 Sample : VSTDICC001
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC001

Quant Time: Dec 13 01:30:42 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	311029	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	504141	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	432904	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	186805	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	0.000	65	0d	0.000	ug/l	
Spiked Amount	50.000	Range	74 - 125	Recovery	=	0.000%#
35) Dibromofluoromethane	0.000	113	0d	0.000	ug/l	
Spiked Amount	50.000	Range	75 - 124	Recovery	=	0.000%#
50) Toluene-d8	0.000	98	0d	0.000	ug/l	
Spiked Amount	50.000	Range	86 - 113	Recovery	=	0.000%#
62) 4-Bromofluorobenzene	0.000	95	0d	0.000	ug/l	
Spiked Amount	50.000	Range	83 - 123	Recovery	=	0.000%#
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.124	85	3871	0.974	ug/l	88
3) Chloromethane	2.365	50	6979	1.288	ug/l	94
4) Vinyl Chloride	2.512	62	3257	0.960	ug/l #	63
6) Chloroethane	3.118	64	2258	1.035	ug/l #	85
7) Trichlorofluoromethane	3.495	101	6968	1.012	ug/l #	77
8) Diethyl Ether	3.965	74	2274	1.049	ug/l	96
9) 1,1,2-Trichlorotrifluo...	4.371	101	3083	0.945	ug/l #	75
12) 1,1-Dichloroethene	4.348	96	3518	1.052	ug/l #	82
14) Allyl chloride	5.030	41	4295	1.038	ug/l #	48
15) Acrylonitrile	5.724	53	6017	4.552	ug/l	94
16) Acetone	4.430	43	3028	4.299	ug/l	100
17) Carbon Disulfide	4.712	76	10337	1.091	ug/l #	91
18) Methyl Acetate	5.030	43	4692	1.035	ug/l	89
19) Methyl tert-butyl Ether	5.794	73	10699	0.959	ug/l #	89
20) Methylene Chloride	5.277	84	4179	1.109	ug/l #	89
21) trans-1,2-Dichloroethene	5.783	96	3800	1.048	ug/l	87
22) Diisopropyl ether	6.671	45	8117	0.909	ug/l #	94
23) Vinyl Acetate	6.606	43	23783	4.638	ug/l	99
24) 1,1-Dichloroethane	6.565	63	5994	0.962	ug/l #	92
25) 2-Butanone	7.489	43	6282	4.630	ug/l #	82
26) 2,2-Dichloropropane	7.494	77	6401	1.005	ug/l	87
27) cis-1,2-Dichloroethene	7.483	96	4350	1.060	ug/l	98
28) Bromochloromethane	7.812	49	2311	0.966	ug/l #	90
29) Tetrahydrofuran	7.841	42	4594	4.728	ug/l	96
30) Chloroform	7.977	83	6958	1.006	ug/l #	53
32) 1,1,1-Trichloroethane	8.165	97	6665	0.984	ug/l #	48
36) 1,1-Dichloropropene	8.371	75	4710	0.901	ug/l	99
37) Ethyl Acetate	7.565	43	3094	0.945	ug/l #	89
38) Carbon Tetrachloride	8.353	117	6284	1.006	ug/l #	76
39) Methylcyclohexane	9.600	83	5158	0.950	ug/l #	82
40) Benzene	8.612	78	15002	0.994	ug/l	96
41) Methacrylonitrile	7.777	41	1830	0.970	ug/l #	91
42) 1,2-Dichloroethane	8.665	62	5360	0.959	ug/l	99
43) Isopropyl Acetate	8.694	43	5210	0.885	ug/l	96
44) Trichloroethene	9.353	130	4120	1.013	ug/l	84
45) 1,2-Dichloropropane	9.618	63	3487	0.984	ug/l #	80

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	
46) Dibromomethane	9.712	93	2286	0.898	ug/l	#	85
47) Bromodichloromethane	9.888	83	4970	0.911	ug/l	#	84
48) Methyl methacrylate	9.677	41	3717	1.058	ug/l	#	81
49) 1,4-Dioxane	9.694	88	1258	23.635	ug/l	#	87
51) 4-Methyl-2-Pentanone	10.447	43	15297	4.720	ug/l		98
52) Toluene	10.629	92	9137	0.958	ug/l		94
53) t-1,3-Dichloropropene	10.829	75	5301	0.898	ug/l	#	74
54) cis-1,3-Dichloropropene	10.318	75	5636	0.893	ug/l	#	82
55) 1,1,2-Trichloroethane	11.018	97	2990	0.872	ug/l	#	86
56) Ethyl methacrylate	10.877	69	3369	0.887	ug/l	#	70
57) 1,3-Dichloropropane	11.159	76	5591	0.930	ug/l		96
58) 2-Chloroethyl Vinyl ether	10.165	63	10616	4.427	ug/l		95
59) 2-Hexanone	11.200	43	10977	4.588	ug/l		93
60) Dibromochloromethane	11.365	129	3792	0.933	ug/l		98
61) 1,2-Dibromoethane	11.471	107	3418	0.963	ug/l		96
64) Tetrachloroethene	11.106	164	3283	0.982	ug/l		96
65) Chlorobenzene	11.888	112	9241	0.960	ug/l		97
66) 1,1,1,2-Tetrachloroethane	11.965	131	3605	0.954	ug/l	#	59
67) Ethyl Benzene	11.965	91	16715	0.944	ug/l		92
68) m/p-Xylenes	12.065	106	11760	1.797	ug/l		86
69) o-Xylene	12.400	106	5702	0.891	ug/l		91
70) Styrene	12.412	104	7749	0.841	ug/l		94
71) Bromoform	12.576	173	2786	1.011	ug/l	#	95
73) Isopropylbenzene	12.694	105	15082	1.005	ug/l		96
74) N-amyl acetate	12.494	43	4761	1.086	ug/l	#	89
75) 1,1,2,2-Tetrachloroethane	12.941	83	4272	1.062	ug/l		96
76) 1,2,3-Trichloropropane	12.988	75	4335m	1.065	ug/l		
77) Bromobenzene	12.982	156	3868	1.048	ug/l		99
78) n-propylbenzene	13.035	91	15117	0.914	ug/l		97
79) 2-Chlorotoluene	13.123	91	10188	0.943	ug/l		99
80) 1,3,5-Trimethylbenzene	13.176	105	12043	0.932	ug/l		99
82) 4-Chlorotoluene	13.218	91	10694	0.963	ug/l		97
83) tert-Butylbenzene	13.441	119	9627	0.910	ug/l		90
84) 1,2,4-Trimethylbenzene	13.482	105	11354	0.883	ug/l		97
85) sec-Butylbenzene	13.618	105	12417	0.917	ug/l		99
86) p-Isopropyltoluene	13.735	119	10557	0.864	ug/l		98
87) 1,3-Dichlorobenzene	13.735	146	6405	0.985	ug/l		98
88) 1,4-Dichlorobenzene	13.812	146	6777m	1.032	ug/l		
89) n-Butylbenzene	14.053	91	8866	0.868	ug/l		95
90) Hexachloroethane	14.329	117	1881	0.969	ug/l		87
91) 1,2-Dichlorobenzene	14.112	146	6305	1.021	ug/l		99
92) 1,2-Dibromo-3-Chloropr...	14.723	75	1026	1.213	ug/l		73
93) 1,2,4-Trichlorobenzene	15.394	180	3571	1.041	ug/l		99
94) Hexachlorobutadiene	15.500	225	2225	1.140	ug/l		87
95) Naphthalene	15.641	128	11358	1.091	ug/l	#	92
96) 1,2,3-Trichlorobenzene	15.847	180	3475	1.050	ug/l		96

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

