

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091123\
 Data File : VN079220.D
 Acq On : 11 Sep 2023 15:31
 Operator : JC\MD
 Sample : VSTDICC001
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC001

Quant Time: Sep 12 04:48:13 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N091123W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 12 04:47:47 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 09/12/2023
 Supervised By : Mahesh Dadoda 09/12/2023

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	129391	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	227279	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	190361	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	56669	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	2.130	85	1345	1.051	ug/l	90
3) Chloromethane	2.365	50	1947	1.158	ug/l	92
4) Vinyl Chloride	2.518	62	1799	0.982	ug/l #	42
6) Chloroethane	3.112	64	2020m	0.790	ug/l	
7) Trichlorofluoromethane	3.495	101	2880	1.074	ug/l #	81
8) Diethyl Ether	3.959	74	786	0.844	ug/l	95
9) 1,1,2-Trichlorotrifluo...	4.377	101	1400	0.982	ug/l #	37
12) 1,1-Dichloroethene	4.342	96	1308	0.948	ug/l #	68
14) Allyl chloride	5.012	41	2070	0.940	ug/l #	19
15) Acrylonitrile	5.730	53	4288	5.128	ug/l	92
16) Acetone	4.448	43	3854	5.195	ug/l #	79
17) Carbon Disulfide	4.712	76	5282	1.225	ug/l #	91
18) Methyl Acetate	5.042	43	3072	1.008	ug/l #	65
19) Methyl tert-butyl Ether	5.806	73	4413	0.932	ug/l	93
20) Methylene Chloride	5.271	84	2208	1.223	ug/l #	87
21) trans-1,2-Dichloroethene	5.783	96	1669	1.043	ug/l #	78
22) Diisopropyl ether	6.683	45	4121	0.853	ug/l #	92
23) Vinyl Acetate	6.618	43	12805	4.013	ug/l #	91
24) 1,1-Dichloroethane	6.571	63	2957	0.993	ug/l #	81
25) 2-Butanone	7.500	43	5078	4.718	ug/l #	71
26) 2,2-Dichloropropane	7.506	77	2503	0.994	ug/l #	65
27) cis-1,2-Dichloroethene	7.500	96	1884	1.029	ug/l	77
28) Bromochloromethane	7.818	49	1440	1.070	ug/l #	74
29) Tetrahydrofuran	7.847	42	3048	4.450	ug/l #	74
30) Chloroform	7.965	83	3170	1.023	ug/l #	82
32) 1,1,1-Trichloroethane	8.177	97	2413	0.913	ug/l #	49
36) 1,1-Dichloropropene	8.377	75	2171	0.932	ug/l	84
37) Ethyl Acetate	7.571	43	2184	0.953	ug/l #	63
38) Carbon Tetrachloride	8.365	117	2336	0.969	ug/l	85
39) Methylcyclohexane	9.606	83	1953	0.850	ug/l #	86
40) Benzene	8.612	78	6690	0.938	ug/l	96
41) Methacrylonitrile	7.783	41	923	0.768	ug/l #	18
42) 1,2-Dichloroethane	8.677	62	2353	0.958	ug/l #	73
43) Isopropyl Acetate	8.700	43	3738	0.986	ug/l #	51
44) Trichloroethene	9.359	130	1722	0.980	ug/l	82
45) 1,2-Dichloropropane	9.630	63	1653	0.934	ug/l #	87

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) Dibromomethane	9.712	93	1057	0.879	ug/l	85
47) Bromodichloromethane	9.894	83	2257	0.917	ug/l #	91
48) Methyl methacrylate	9.688	41	1498	0.882	ug/l #	73
49) 1,4-Dioxane	9.700	88	630	18.031	ug/l #	74
51) 4-Methyl-2-Pentanone	10.453	43	9753	4.430	ug/l	89
52) Toluene	10.635	92	4256	0.971	ug/l	84
53) t-1,3-Dichloropropene	10.847	75	2292	0.883	ug/l	94
54) cis-1,3-Dichloropropene	10.318	75	2413	0.869	ug/l	89
55) 1,1,2-Trichloroethane	11.018	97	1555	0.904	ug/l #	86
56) Ethyl methacrylate	10.882	69	1838	0.757	ug/l #	86
57) 1,3-Dichloropropane	11.171	76	2769	0.931	ug/l #	88
58) 2-Chloroethyl Vinyl ether	10.171	63	2334	1.868	ug/l #	87
59) 2-Hexanone	11.200	43	6648	4.169	ug/l	83
60) Dibromochloromethane	11.365	129	1689	0.923	ug/l	93
61) 1,2-Dibromoethane	11.477	107	1355	0.789	ug/l	98
64) Tetrachloroethene	11.112	164	1448	1.043	ug/l	95
65) Chlorobenzene	11.900	112	4451	1.032	ug/l	95
66) 1,1,1,2-Tetrachloroethane	11.965	131	1460	0.903	ug/l #	55
67) Ethyl Benzene	11.971	91	6322	0.857	ug/l	99
68) m/p-Xylenes	12.071	106	4657	1.694	ug/l	99
69) o-Xylene	12.400	106	2010	0.762	ug/l	79
70) Styrene	12.412	104	3304	0.779	ug/l	94
71) Bromoform	12.582	173	992	0.831	ug/l #	93
73) Isopropylbenzene	12.706	105	5133	0.996	ug/l	98
74) N-amyl acetate	12.500	43	1784	0.912	ug/l #	78
75) 1,1,2,2-Tetrachloroethane	12.941	83	2353	1.226	ug/l #	88
76) 1,2,3-Trichloropropane	13.000	75	1910m	1.299	ug/l	
77) Bromobenzene	12.982	156	1478	1.132	ug/l	97
78) n-propylbenzene	13.041	91	5532	0.955	ug/l	99
79) 2-Chlorotoluene	13.129	91	4143	1.094	ug/l	99
80) 1,3,5-Trimethylbenzene	13.176	105	4301	1.001	ug/l	98
82) 4-Chlorotoluene	13.229	91	3690	1.037	ug/l	94
83) tert-Butylbenzene	13.447	119	3319	0.934	ug/l	96
84) 1,2,4-Trimethylbenzene	13.488	105	3616	0.884	ug/l	88
85) sec-Butylbenzene	13.618	105	4733	0.967	ug/l	95
86) p-Isopropyltoluene	13.729	119	3507	0.897	ug/l	93
87) 1,3-Dichlorobenzene	13.741	146	2315	1.081	ug/l	94
88) 1,4-Dichlorobenzene	13.818	146	2492m	1.152	ug/l	
89) n-Butylbenzene	14.059	91	2931	0.954	ug/l	92
90) Hexachloroethane	14.335	117	810	1.020	ug/l	81
91) 1,2-Dichlorobenzene	14.118	146	2144	1.014	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	14.723	75	199	0.658	ug/l #	18
93) 1,2,4-Trichlorobenzene	15.394	180	667	0.878	ug/l	93
94) Hexachlorobutadiene	15.506	225	791	1.324	ug/l	83
95) Naphthalene	15.653	128	2400	1.064	ug/l #	74
96) 1,2,3-Trichlorobenzene	15.847	180	1038	1.158	ug/l	79

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

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