

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN011623\
 Data File : VN076260.D
 Acq On : 16 Jan 2023 10:30
 Operator : JC\MD
 Sample : VSTDICC001
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC001

Quant Time: Jan 16 11:17:39 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N011623W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jan 16 11:16:53 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :John Carlone 01/17/2023
 Supervised By :Mahesh Dadoda 01/17/2023

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	314982	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	527691	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	435423	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	170514	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	2.136	85	2721	1.217	ug/l	94
3) Chloromethane	2.383	50	3776	1.358	ug/l #	83
4) Vinyl Chloride	2.530	62	4450	1.341	ug/l #	82
6) Chloroethane	3.142	64	3319	1.351	ug/l	97
7) Trichlorofluoromethane	3.512	101	5942	1.180	ug/l	95
8) Diethyl Ether	3.977	74	1635	0.889	ug/l	75
9) 1,1,2-Trichlorotrifluo...	4.389	101	2830	0.985	ug/l	91
12) 1,1-Dichloroethene	4.359	96	2639	0.945	ug/l #	89
14) Allyl chloride	5.059	41	3262m	1.000	ug/l	
15) Acrylonitrile	5.742	53	7122	5.382	ug/l #	85
16) Acetone	4.442	43	6563m	5.556	ug/l	
17) Carbon Disulfide	4.736	76	7658	1.133	ug/l #	76
18) Methyl Acetate	5.036	43	4040m	1.157	ug/l	
19) Methyl tert-butyl Ether	5.806	73	9228	1.004	ug/l	99
20) Methylene Chloride	5.283	84	3894	1.072	ug/l	89
21) trans-1,2-Dichloroethene	5.800	96	3428	1.121	ug/l	92
22) Diisopropyl ether	6.677	45	8154	1.029	ug/l #	89
23) Vinyl Acetate	6.618	43	22224	4.165	ug/l	96
24) 1,1-Dichloroethane	6.589	63	5833	1.103	ug/l #	81
25) 2-Butanone	7.494	43	8237	4.980	ug/l	92
26) 2,2-Dichloropropane	7.488	77	5092	1.137	ug/l	82
27) cis-1,2-Dichloroethene	7.494	96	3894	1.065	ug/l	96
28) Bromochloromethane	7.830	49	2310	0.997	ug/l #	99
29) Tetrahydrofuran	7.853	42	4723	4.557	ug/l	92
30) Chloroform	7.971	83	7173	1.205	ug/l	93
32) 1,1,1-Trichloroethane	8.177	97	5415	1.026	ug/l #	47
36) 1,1-Dichloropropene	8.377	75	4660	1.073	ug/l	98
37) Ethyl Acetate	7.571	43	3110	0.892	ug/l #	81
38) Carbon Tetrachloride	8.371	117	5122	1.054	ug/l #	95
39) Methylcyclohexane	9.600	83	4596	0.878	ug/l	98
40) Benzene	8.606	78	13394	1.000	ug/l	99
41) Methacrylonitrile	7.788	41	1591	0.878	ug/l #	80
42) 1,2-Dichloroethane	8.683	62	4916	1.104	ug/l	88
43) Isopropyl Acetate	8.700	43	17528m	3.047	ug/l	
44) Trichloroethene	9.359	130	3897	1.033	ug/l	81
45) 1,2-Dichloropropane	9.630	63	3235	0.993	ug/l	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) Dibromomethane	9.718	93	2403	0.994	ug/l	93
47) Bromodichloromethane	9.888	83	4573	0.965	ug/l #	98
48) Methyl methacrylate	9.682	41	2325	0.897	ug/l	89
49) 1,4-Dioxane	9.700	88	971	15.246	ug/l #	87
51) 4-Methyl-2-Pentanone	10.447	43	15617	4.489	ug/l	87
52) Toluene	10.635	92	8252	0.946	ug/l	96
53) t-1,3-Dichloropropene	10.835	75	3732	0.804	ug/l #	84
54) cis-1,3-Dichloropropene	10.312	75	4412	0.866	ug/l #	93
55) 1,1,2-Trichloroethane	11.012	97	3166	0.925	ug/l #	83
56) Ethyl methacrylate	10.876	69	3666	0.806	ug/l	97
57) 1,3-Dichloropropane	11.165	76	4948	0.881	ug/l	90
58) 2-Chloroethyl Vinyl ether	10.165	63	6361	4.393	ug/l	97
59) 2-Hexanone	11.194	43	10918	4.304	ug/l	90
60) Dibromochloromethane	11.359	129	3583	0.941	ug/l	94
61) 1,2-Dibromoethane	11.476	107	3095	0.893	ug/l #	76
64) Tetrachloroethene	11.106	164	4228	1.380	ug/l	93
65) Chlorobenzene	11.894	112	9469	1.060	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.959	131	3301	0.997	ug/l #	54
67) Ethyl Benzene	11.965	91	14458	0.959	ug/l	99
68) m/p-Xylenes	12.071	106	10878	1.822	ug/l	98
69) o-Xylene	12.400	106	5297	0.897	ug/l	95
70) Styrene	12.406	104	7787	0.829	ug/l	95
71) Bromoform	12.576	173	2284	0.948	ug/l #	95
73) Isopropylbenzene	12.700	105	11843	0.961	ug/l	96
74) N-amyl acetate	12.494	43	3188	0.882	ug/l #	94
75) 1,1,2,2-Tetrachloroethane	12.941	83	4654	1.222	ug/l	97
76) 1,2,3-Trichloropropane	12.994	75	3191m	0.928	ug/l	
77) Bromobenzene	12.982	156	3524	1.130	ug/l	96
78) n-propylbenzene	13.035	91	12455	0.916	ug/l	99
79) 2-Chlorotoluene	13.123	91	8891	1.048	ug/l	99
80) 1,3,5-Trimethylbenzene	13.176	105	9634	0.934	ug/l	96
82) 4-Chlorotoluene	13.123	91	8891	1.048	ug/l	99
83) tert-Butylbenzene	13.441	119	9220	1.014	ug/l	95
84) 1,2,4-Trimethylbenzene	13.482	105	8342	0.815	ug/l	89
85) sec-Butylbenzene	13.612	105	11338	0.903	ug/l	99
86) p-Isopropyltoluene	13.729	119	8193	0.785	ug/l	97
87) 1,3-Dichlorobenzene	13.741	146	6331	1.099	ug/l	97
88) 1,4-Dichlorobenzene	13.817	146	6055m	1.029	ug/l	
89) n-Butylbenzene	14.059	91	7089	0.838	ug/l	92
90) Hexachloroethane	14.341	117	1783	0.954	ug/l	99
91) 1,2-Dichlorobenzene	14.106	146	6410	1.130	ug/l	94
92) 1,2-Dibromo-3-Chloropr...	14.723	75	560	0.829	ug/l	88
93) 1,2,4-Trichlorobenzene	15.394	180	2001	0.712	ug/l	95
94) Hexachlorobutadiene	15.500	225	1515	0.989	ug/l	93
95) Naphthalene	15.647	128	4961	0.639	ug/l #	97
96) 1,2,3-Trichlorobenzene	15.835	180	2019	0.769	ug/l	93

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

Manual Integrations

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