

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN101722\
 Data File : VN074917.D
 Acq On : 17 Oct 2022 15:27
 Operator : JC\MD
 Sample : VSTDICC001
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC001

Quant Time: Oct 17 15:45:40 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N101722W.M
 Quant Title : SW846 8260
 QLast Update : Mon Oct 17 15:38:07 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 10/18/2022
 Supervised By : Mahesh Dadoda 10/18/2022

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	284374	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.112	114	517706	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	552802	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	252102	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	2.154	85	6132	1.158	ug/l	80
3) Chloromethane	2.383	50	12184	1.394	ug/l	94
4) Vinyl Chloride	2.530	62	12447	1.022	ug/l	97
6) Chloroethane	3.095	64	10750	1.171	ug/l	99
7) Trichlorofluoromethane	3.495	101	9238	1.121	ug/l #	68
8) Diethyl Ether	3.977	74	4140m	1.172	ug/l	
9) 1,1,2-Trichlorotrifluo...	4.401	101	4364	0.900	ug/l #	28
12) 1,1-Dichloroethene	4.342	96	5165	1.077	ug/l #	46
14) Allyl chloride	5.030	41	8447	0.914	ug/l	88
15) Acrylonitrile	5.765	53	19782	4.575	ug/l	95
16) Acetone	4.471	43	18170	5.044	ug/l	95
17) Carbon Disulfide	4.718	76	13151	1.053	ug/l #	78
18) Methyl Acetate	5.059	43	17882m	1.202	ug/l	
19) Methyl tert-butyl Ether	5.830	73	16304	0.851	ug/l #	67
20) Methylene Chloride	5.312	84	10217m	1.479	ug/l	
21) trans-1,2-Dichloroethene	5.806	96	6440	1.186	ug/l #	78
22) Diisopropyl ether	6.671	45	19650	0.921	ug/l #	90
23) Vinyl Acetate	6.624	43	65006	4.342	ug/l	95
24) 1,1-Dichloroethane	6.583	63	11796	1.062	ug/l #	82
25) 2-Butanone	7.518	43	27299	4.650	ug/l	90
26) 2,2-Dichloropropane	7.500	77	10695	1.199	ug/l	82
27) cis-1,2-Dichloroethene	7.512	96	6557	0.967	ug/l	94
28) Bromochloromethane	7.824	49	5786	1.110	ug/l #	83
29) Tetrahydrofuran	7.859	42	20541	5.216	ug/l	91
30) Chloroform	7.983	83	10354	0.936	ug/l #	83
32) 1,1,1-Trichloroethane	8.177	97	8297	0.855	ug/l #	47
36) 1,1-Dichloropropene	8.389	75	7390	0.949	ug/l #	79
37) Ethyl Acetate	7.571	43	10424	0.933	ug/l	98
38) Carbon Tetrachloride	8.377	117	8426	1.088	ug/l	92
39) Methylcyclohexane	9.600	83	9069	0.973	ug/l	92
40) Benzene	8.618	78	24725	0.961	ug/l #	84
41) Methacrylonitrile	7.806	41	6463m	1.037	ug/l	
42) 1,2-Dichloroethane	8.671	62	9442	1.054	ug/l	87
43) Isopropyl Acetate	8.700	43	17363	0.930	ug/l	94
44) Trichloroethene	9.359	130	5801	1.045	ug/l	61
45) 1,2-Dichloropropane	9.624	63	6545	0.922	ug/l #	81

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) Dibromomethane	9.712	93	4398	0.984	ug/l	95
47) Bromodichloromethane	9.894	83	6390	0.721	ug/l #	84
48) Methyl methacrylate	9.606	41	8011	0.925	ug/l #	87
49) 1,4-Dioxane	9.718	88	2814m	17.060	ug/l	
51) 4-Methyl-2-Pentanone	10.447	43	53480	4.465	ug/l	94
52) Toluene	10.635	92	14102	0.910	ug/l	98
53) t-1,3-Dichloropropene	10.835	75	8842	0.932	ug/l #	82
54) cis-1,3-Dichloropropene	10.324	75	9771	0.953	ug/l #	61
55) 1,1,2-Trichloroethane	11.024	97	5620	0.842	ug/l #	76
56) Ethyl methacrylate	10.882	69	9053	0.853	ug/l #	92
57) 1,3-Dichloropropane	11.171	76	11770	1.004	ug/l	95
58) 2-Chloroethyl Vinyl ether	10.165	63	17292	3.755	ug/l	93
59) 2-Hexanone	11.200	43	37347	4.156	ug/l	93
60) Dibromochloromethane	11.365	129	4826	0.778	ug/l	76
61) 1,2-Dibromoethane	11.477	107	6068	0.958	ug/l	96
64) Tetrachloroethene	11.112	164	4157	1.008	ug/l #	69
65) Chlorobenzene	11.888	112	16469	1.035	ug/l	92
66) 1,1,1,2-Tetrachloroethane	11.971	131	5487	0.988	ug/l #	31
67) Ethyl Benzene	11.965	91	25660	0.873	ug/l #	88
68) m/p-Xylenes	12.076	106	19136	1.758	ug/l	95
69) o-Xylene	12.394	106	9378	0.836	ug/l	99
70) Styrene	12.412	104	14892	0.856	ug/l #	89
71) Bromoform	12.576	173	3826	0.924	ug/l #	80
73) Isopropylbenzene	12.694	105	20239	0.813	ug/l	83
74) N-amyl acetate	12.500	43	11951	0.857	ug/l #	88
75) 1,1,2,2-Tetrachloroethane	12.935	83	9263	0.972	ug/l	98
76) 1,2,3-Trichloropropane	13.000	75	6521m	0.899	ug/l	
77) Bromobenzene	12.982	156	6231	1.209	ug/l	88
78) n-propylbenzene	13.041	91	26013	0.908	ug/l	98
79) 2-Chlorotoluene	13.129	91	20066	1.155	ug/l	89
80) 1,3,5-Trimethylbenzene	13.176	105	17735	0.884	ug/l	94
82) 4-Chlorotoluene	13.223	91	14633	0.938	ug/l	90
83) tert-Butylbenzene	13.441	119	18314m	1.005	ug/l	
84) 1,2,4-Trimethylbenzene	13.482	105	16856	0.891	ug/l	94
85) sec-Butylbenzene	13.623	105	22095	0.893	ug/l	95
86) p-Isopropyltoluene	13.735	119	16950	0.884	ug/l	96
87) 1,3-Dichlorobenzene	13.735	146	8211	0.915	ug/l	90
88) 1,4-Dichlorobenzene	13.812	146	10529m	1.147	ug/l	
89) n-Butylbenzene	14.059	91	14918	0.955	ug/l	95
90) Hexachloroethane	14.347	117	3648	0.932	ug/l	71
91) 1,2-Dichlorobenzene	14.106	146	8543	0.950	ug/l	88
92) 1,2-Dibromo-3-Chloropr...	14.717	75	1524	0.918	ug/l	81
93) 1,2,4-Trichlorobenzene	15.394	180	4261	1.023	ug/l	87
94) Hexachlorobutadiene	15.506	225	2098	1.015	ug/l	86
95) Naphthalene	15.647	128	19558	1.073	ug/l #	84
96) 1,2,3-Trichlorobenzene	15.847	180	4775	1.091	ug/l	96

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

Manual Integrations

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N101722W.M
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