

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032522\
 Data File : VN071528.D
 Acq On : 24 Mar 2022 19:10
 Operator : JC\MD
 Sample : VSTDICC001
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC001

Quant Time: Mar 25 09:31:57 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N032522W.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 25 09:31:19 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :John Carlone 03/25/2022
 Supervised By :Mahesh Dadoda 03/28/2022

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

Internal Standards						
1) Pentafluorobenzene	8.081	168	659501	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.963	114	1087516	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	921208	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.668	152	301180	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	61 - 141	Recovery	=	0.000%#
35) Dibromofluoromethane	0.000	113	0d	0.000	ug/l	
Spiked Amount	50.000	Range	69 - 133	Recovery	=	0.000%#
50) Toluene-d8	0.000	98	0d	0.000	ug/l	
Spiked Amount	50.000	Range	65 - 126	Recovery	=	0.000%#
62) 4-Bromofluorobenzene	0.000	95	0d	0.000	ug/l	
Spiked Amount	50.000	Range	58 - 135	Recovery	=	0.000%#

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.069	85	7260	1.063	ug/l	91
3) Chloromethane	2.305	50	11607	1.358	ug/l	96
4) Vinyl Chloride	2.440	62	9908	1.135	ug/l	95
6) Chloroethane	3.016	64	7564	1.318	ug/l	92
7) Trichlorofluoromethane	3.375	101	11750	1.089	ug/l	92
8) Diethyl Ether	3.822	74	4644	0.996	ug/l	96
9) 1,1,2-Trichlorotrifluo...	4.216	101	7208	1.094	ug/l	97
12) 1,1-Dichloroethene	4.187	96	6681	1.035	ug/l #	80
14) Allyl chloride	4.846	41	10777	0.898	ug/l	94
15) Acrylonitrile	5.551	53	21908	5.408	ug/l	99
16) Acetone	4.293	43	19035	4.726	ug/l	95
17) Carbon Disulfide	4.528	76	18415	1.011	ug/l	97
18) Methyl Acetate	4.857	43	14938	1.496	ug/l	95
19) Methyl tert-butyl Ether	5.622	73	24683	1.097	ug/l #	90
20) Methylene Chloride	5.098	84	9836	1.305	ug/l #	80
21) trans-1,2-Dichloroethene	5.598	96	7513	1.089	ug/l	100
22) Diisopropyl ether	6.492	45	21375	0.923	ug/l	94
23) Vinyl Acetate	6.428	43	87087	4.437	ug/l	100
24) 1,1-Dichloroethane	6.381	63	14113	1.074	ug/l	97
25) 2-Butanone	7.339	43	27680	5.061	ug/l	94
26) 2,2-Dichloropropane	7.316	77	11113	1.018	ug/l	96
27) cis-1,2-Dichloroethene	7.322	96	8405	1.055	ug/l	100
28) Bromochloromethane	7.651	49	5290	0.999	ug/l #	98
29) Tetrahydrofuran	7.692	42	18487	5.181	ug/l	95
30) Chloroform	7.810	83	13096	1.009	ug/l	94
32) 1,1,1-Trichloroethane	8.016	97	11691	1.045	ug/l #	52
36) 1,1-Dichloropropene	8.222	75	10373	0.992	ug/l	99
37) Ethyl Acetate	7.410	43	10415	0.923	ug/l #	79
38) Carbon Tetrachloride	8.210	117	9874	0.960	ug/l	96
39) Methylcyclohexane	9.457	83	11291	0.842	ug/l	95
40) Benzene	8.457	78	33020	1.060	ug/l	93
41) Methacrylonitrile	7.639	41	5088	0.884	ug/l	95
42) 1,2-Dichloroethane	8.522	62	11793	1.105	ug/l	96
43) Isopropyl Acetate	8.563	43	23949	1.358	ug/l #	87
44) Trichloroethene	9.210	130	8399	1.025	ug/l	97
45) 1,2-Dichloropropane	9.486	63	7911	0.998	ug/l #	85

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) Dibromomethane	9.563	93	5354	1.020	ug/l	98
47) Bromodichloromethane	9.763	83	9839	0.928	ug/l	85
48) Methyl methacrylate	9.557	41	7314	0.877	ug/l	96
49) 1,4-Dioxane	9.569	88	3546	22.783	ug/l	99
51) 4-Methyl-2-Pentanone	10.328	43	49399	4.556	ug/l	98
52) Toluene	10.498	92	18477	0.945	ug/l	97
53) t-1,3-Dichloropropene	10.716	75	9806	0.855	ug/l	90
54) cis-1,3-Dichloropropene	10.186	75	11523	0.915	ug/l	97
55) 1,1,2-Trichloroethane	10.898	97	8395	1.093	ug/l #	86
56) Ethyl methacrylate	10.757	69	9812	0.848	ug/l	97
57) 1,3-Dichloropropane	11.039	76	13018	0.984	ug/l	98
58) 2-Chloroethyl Vinyl ether	10.033	63	7998	3.665	ug/l	100
59) 2-Hexanone	11.080	43	35993	4.802	ug/l	93
60) Dibromochloromethane	11.233	129	7528	0.936	ug/l	100
61) 1,2-Dibromoethane	11.339	107	7636	0.976	ug/l	95
64) Tetrachloroethene	10.975	164	7157	1.017	ug/l #	90
65) Chlorobenzene	11.769	112	20872	1.058	ug/l	93
66) 1,1,1,2-Tetrachloroethane	11.839	131	6808	0.950	ug/l #	58
67) Ethyl Benzene	11.839	91	32902	0.955	ug/l	99
68) m/p-Xylenes	11.951	106	23842	1.795	ug/l	99
69) o-Xylene	12.274	106	11772	0.904	ug/l	96
70) Styrene	12.292	104	17091	0.830	ug/l	96
71) Bromoform	12.457	173	5082	0.891	ug/l #	93
73) Isopropylbenzene	12.574	105	26799	1.091	ug/l	96
74) N-amyl acetate	12.386	43	9168	1.172	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.821	83	11877	1.505	ug/l	98
76) 1,2,3-Trichloropropane	12.880	75	7366m	1.069	ug/l	
77) Bromobenzene	12.857	156	7604	1.268	ug/l	96
78) n-propylbenzene	12.916	91	26818	0.978	ug/l	100
79) 2-Chlorotoluene	13.010	91	20292	1.214	ug/l	98
80) 1,3,5-Trimethylbenzene	13.057	105	20400	1.031	ug/l	93
82) 4-Chlorotoluene	13.098	91	17683	1.099	ug/l	100
83) tert-Butylbenzene	13.321	119	18257	0.976	ug/l	99
84) 1,2,4-Trimethylbenzene	13.363	105	19467	0.999	ug/l	94
85) sec-Butylbenzene	13.498	105	23281	0.944	ug/l	94
86) p-Isopropyltoluene	13.610	119	17135	0.850	ug/l	95
87) 1,3-Dichlorobenzene	13.610	146	12001	1.144	ug/l	98
88) 1,4-Dichlorobenzene	13.692	146	13214m	1.284	ug/l	
89) n-Butylbenzene	13.939	91	15644	0.964	ug/l	97
90) Hexachloroethane	14.210	117	4471	1.234	ug/l	91
91) 1,2-Dichlorobenzene	13.986	146	11545	1.167	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.604	75	1731	1.345	ug/l	90
93) 1,2,4-Trichlorobenzene	15.257	180	5365	1.116	ug/l	94
94) Hexachlorobutadiene	15.368	225	3571	1.025	ug/l	96
95) Naphthalene	15.510	128	12630	1.200	ug/l	99
96) 1,2,3-Trichlorobenzene	15.698	180	5192	1.174	ug/l	96

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

Manual Integrations

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