

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN050923\
 Data File : VN077623.D
 Acq On : 09 May 2023 10:34
 Operator : JC\MD
 Sample : VSTDICC001
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC001

Manual Integrations
 APPROVED

Reviewed By :John
 Carlone

05/09/2023
 Supervised By :Mahesh
 Dadoda

Quant Time: May 09 13:36:33 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N050923W.M
 Quant Title : SW846 8260
 QLast Update : Tue May 09 13:36:31 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.231	168	621295	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.101	114	1105907	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.866	117	941749	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.795	152	332413	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	2.137	85	6100	0.878	ug/l	82
3) Chloromethane	2.372	50	8123	1.298	ug/l	94
4) Vinyl Chloride	2.525	62	8752	1.056	ug/l	91
6) Chloroethane	3.125	64	6781	1.180	ug/l	94
7) Trichlorofluoromethane	3.507	101	11883	0.915	ug/l	97
8) Diethyl Ether	3.978	74	3627	0.950	ug/l	95
9) 1,1,2-Trichlorotrifluo...	4.390	101	6817	1.051	ug/l #	66
10) Methyl Iodide	4.584	142	9316	0.972	ug/l	92
12) 1,1-Dichloroethene	4.354	96	6389	1.036	ug/l #	69
14) Allyl chloride	5.031	41	6278	1.025	ug/l #	58
15) Acrylonitrile	5.731	53	11196	4.883	ug/l #	94
16) Acetone	4.437	43	11451m	6.102	ug/l	
17) Carbon Disulfide	4.713	76	15401	1.039	ug/l #	93
18) Methyl Acetate	5.031	43	8237	1.111	ug/l	98
19) Methyl tert-butyl Ether	5.795	73	20365	1.004	ug/l #	90
20) Methylene Chloride	5.284	84	9721	1.254	ug/l #	87
21) trans-1,2-Dichloroethene	5.801	96	7295	1.046	ug/l #	73
22) Diisopropyl ether	6.672	45	15464m	1.023	ug/l	
23) Vinyl Acetate	6.613	43	32791	3.801	ug/l #	90
24) 1,1-Dichloroethane	6.578	63	12230	1.067	ug/l #	91
25) 2-Butanone	7.507	43	15496	5.666	ug/l #	83
26) 2,2-Dichloropropane	7.495	77	10525	1.013	ug/l	94
27) cis-1,2-Dichloroethene	7.489	96	9424	1.111	ug/l	89
28) Bromochloromethane	7.831	49	4828	1.155	ug/l #	93
29) Tetrahydrofuran	7.848	42	8465	5.039	ug/l	92
30) Chloroform	7.972	83	14338	1.056	ug/l	93
32) 1,1,1-Trichloroethane	8.178	97	13070	1.045	ug/l #	48
36) 1,1-Dichloropropene	8.378	75	10462	1.099	ug/l #	52
37) Ethyl Acetate	7.560	43	6234	1.145	ug/l #	71
38) Carbon Tetrachloride	8.372	117	10897	1.048	ug/l #	69
39) Methylcyclohexane	9.601	83	11089	0.938	ug/l	92
40) Benzene	8.607	78	30680	1.065	ug/l #	89
41) Methacrylonitrile	7.784	41	3191	1.073	ug/l #	78
42) 1,2-Dichloroethane	8.672	62	10386	1.076	ug/l	99
43) Isopropyl Acetate	8.701	43	9313	0.976	ug/l #	62
44) Trichloroethene	9.354	130	8511	1.125	ug/l	96

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05/09/2023
 Supervised By :Mahesh
 Dadoda

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,2-Dichloropropane	9.630	63	7363	1.112	ug/l	94
46) Dibromomethane	9.713	93	4976	0.966	ug/l	87
47) Bromodichloromethane	9.889	83	9704	0.965	ug/l #	87
48) Methyl methacrylate	9.683	41	4772	1.065	ug/l	91
49) 1,4-Dioxane	9.689	88	2923	21.945	ug/l	97
51) 4-Methyl-2-Pentanone	10.448	43	28707	5.113	ug/l	97
52) Toluene	10.630	92	19748	1.031	ug/l	93
53) t-1,3-Dichloropropene	10.836	75	9296	0.948	ug/l #	86
54) cis-1,3-Dichloropropene	10.319	75	11709	1.050	ug/l #	89
55) 1,1,2-Trichloroethane	11.019	97	7929	1.068	ug/l	91
56) Ethyl methacrylate	10.877	69	8777	0.937	ug/l #	90
57) 1,3-Dichloropropane	11.166	76	12385	1.037	ug/l	94
58) 2-Chloroethyl Vinyl ether	10.166	63	12737	6.809	ug/l #	87
59) 2-Hexanone	11.201	43	19332	4.872	ug/l	100
60) Dibromochloromethane	11.360	129	6454	0.875	ug/l	92
61) 1,2-Dibromoethane	11.477	107	6891	0.944	ug/l	95
64) Tetrachloroethene	11.107	164	5840	1.042	ug/l	85
65) Chlorobenzene	11.895	112	19211	0.992	ug/l	94
66) 1,1,1,2-Tetrachloroethane	11.960	131	6969	0.999	ug/l #	54
67) Ethyl Benzene	11.966	91	32380	0.953	ug/l #	83
68) m/p-Xylenes	12.071	106	25007	1.858	ug/l	93
69) o-Xylene	12.401	106	13689	1.015	ug/l	86
70) Styrene	12.413	104	16933	0.820	ug/l	92
71) Bromoform	12.571	173	3954	0.934	ug/l #	89
73) Isopropylbenzene	12.701	105	29774	1.004	ug/l	99
74) N-amyl acetate	12.501	43	6753	1.032	ug/l #	91
75) 1,1,2,2-Tetrachloroethane	12.936	83	9042	1.109	ug/l	87
76) 1,2,3-Trichloropropane	13.001	75	7634m	1.166	ug/l	
77) Bromobenzene	12.977	156	7545	1.149	ug/l	86
78) n-propylbenzene	13.036	91	29268	0.919	ug/l	98
79) 2-Chlorotoluene	13.124	91	21799	1.075	ug/l	98
80) 1,3,5-Trimethylbenzene	13.183	105	19050	0.840	ug/l	99
82) 4-Chlorotoluene	13.224	91	19050	1.002	ug/l	99
83) tert-Butylbenzene	13.442	119	22473	1.054	ug/l	95
84) 1,2,4-Trimethylbenzene	13.483	105	17709	0.831	ug/l	98
85) sec-Butylbenzene	13.618	105	26257	0.915	ug/l	96
86) p-Isopropyltoluene	13.736	119	19336	0.862	ug/l	97
87) 1,3-Dichlorobenzene	13.736	146	12408	1.087	ug/l	97
88) 1,4-Dichlorobenzene	13.813	146	11435m	1.008	ug/l	
89) n-Butylbenzene	14.065	91	15851	0.891	ug/l	96
90) Hexachloroethane	14.330	117	4398	1.022	ug/l	91
91) 1,2-Dichlorobenzene	14.113	146	12017	1.059	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.724	75	1698	1.177	ug/l	92
93) 1,2,4-Trichlorobenzene	15.389	180	2665	5.080	ug/l	90
94) Hexachlorobutadiene	15.501	225	2702	1.114	ug/l	84
95) Naphthalene	15.636	128	7016	5.117	ug/l	97
96) 1,2,3-Trichlorobenzene	15.842	180	2413	4.986	ug/l	68

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

Manual Integrations

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