

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN100322\
 Data File : VN074706.D
 Acq On : 03 Oct 2022 13:13
 Operator : JC\MD
 Sample : VSTDICC001
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC001

Manual Integrations
 APPROVED

Reviewed By : John Carlone 10/04/2022
 Supervised By : Mahesh Dadoda 10/05/2022

Quant Time: Oct 04 05:27:59 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N100322W.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 04 05:26:33 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.928	168	231031	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.828	114	392599	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.616	117	403660	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.545	152	204778	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	1.993	85	4530	0.950	ug/l	95
3) Chloromethane	2.216	50	10387m	1.260	ug/l	
4) Vinyl Chloride	2.357	62	15408	1.114	ug/l #	43
7) Trichlorofluoromethane	3.257	101	8135	1.093	ug/l	97
8) Diethyl Ether	3.698	74	3924m	1.198	ug/l	
9) 1,1,2-Trichlorotrifluo...	4.034	101	4828m	1.153	ug/l	
12) 1,1-Dichloroethene	4.034	96	4736	1.139	ug/l #	36
13) Acrolein	3.898	56	2620m	4.497	ug/l	
14) Allyl chloride	4.645	41	9008	1.055	ug/l	92
15) Acrylonitrile	5.357	53	18583	5.152	ug/l	94
16) Acetone	4.122	43	18093m	5.707	ug/l	
17) Carbon Disulfide	4.363	76	12736	1.045	ug/l #	85
18) Methyl Acetate	4.675	43	12506	1.188	ug/l #	68
19) Methyl tert-butyl Ether	5.422	73	16800	1.016	ug/l	98
20) Methylene Chloride	4.892	84	8173m	1.416	ug/l	
21) trans-1,2-Dichloroethene	5.404	96	5070m	1.126	ug/l	
22) Diisopropyl ether	6.304	45	18370	0.977	ug/l #	88
23) Vinyl Acetate	6.245	43	56280	3.941	ug/l	98
24) 1,1-Dichloroethane	6.186	63	8864	0.950	ug/l #	91
25) 2-Butanone	7.175	43	30493	5.546	ug/l #	63
26) 2,2-Dichloropropane	7.151	77	8792	1.244	ug/l	77
27) cis-1,2-Dichloroethene	7.163	96	6563	1.166	ug/l #	63
28) Bromochloromethane	7.481	49	3689m	0.825	ug/l	
29) Tetrahydrofuran	7.528	42	18756	5.178	ug/l #	81
30) Chloroform	7.657	83	8753	0.960	ug/l	84
32) 1,1,1-Trichloroethane	7.857	97	8456	1.078	ug/l #	37
36) 1,1-Dichloropropene	8.057	75	8223	1.196	ug/l	94
37) Ethyl Acetate	7.233	43	8472m	0.870	ug/l	
38) Carbon Tetrachloride	8.051	117	7101	1.168	ug/l #	70
39) Methylcyclohexane	9.322	83	9387	1.127	ug/l #	84
40) Benzene	8.304	78	21001	1.002	ug/l	94
41) Methacrylonitrile	7.481	41	4865	1.064	ug/l #	31
42) 1,2-Dichloroethane	8.380	62	7529	1.050	ug/l	83
43) Isopropyl Acetate	8.416	43	13214	0.901	ug/l #	82
44) Trichloroethene	9.075	130	5318	1.149	ug/l	80
45) 1,2-Dichloropropane	9.357	63	6079	1.094	ug/l #	88

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) Dibromomethane	9.433	93	4794m	1.238	ug/l	
47) Bromodichloromethane	9.627	83	7135	1.012	ug/l #	87
48) Methyl methacrylate	9.416	41	6594	0.981	ug/l #	84
49) 1,4-Dioxane	9.433	88	2432	19.569	ug/l	92
51) 4-Methyl-2-Pentanone	10.204	43	50132	4.744	ug/l	93
52) Toluene	10.369	92	13124	1.029	ug/l	96
53) t-1,3-Dichloropropene	10.598	75	5937	0.854	ug/l	90
54) cis-1,3-Dichloropropene	10.057	75	7405	0.953	ug/l #	85
55) 1,1,2-Trichloroethane	10.780	97	5561	1.084	ug/l #	88
56) Ethyl methacrylate	10.639	69	6988	0.866	ug/l #	61
57) 1,3-Dichloropropane	10.921	76	9764	1.060	ug/l #	82
58) 2-Chloroethyl Vinyl ether	9.910	63	11869	3.812	ug/l	98
59) 2-Hexanone	10.957	43	38306	4.838	ug/l	87
60) Dibromochloromethane	11.121	129	4700	1.002	ug/l	95
61) 1,2-Dibromoethane	11.210	107	4933	0.973	ug/l	87
64) Tetrachloroethene	10.845	164	3233	0.982	ug/l #	68
65) Chlorobenzene	11.639	112	14825	1.210	ug/l #	71
66) 1,1,1,2-Tetrachloroethane	11.710	131	4094	1.012	ug/l #	60
67) Ethyl Benzene	11.716	91	22625	0.991	ug/l	92
68) m/p-Xylenes	11.833	106	15787	1.855	ug/l	95
69) o-Xylene	12.151	106	7729	0.905	ug/l	83
70) Styrene	12.163	104	12721	0.933	ug/l #	90
71) Bromoform	12.327	173	2629	0.883	ug/l #	88
73) Isopropylbenzene	12.451	105	18612	0.984	ug/l	81
74) N-amyl acetate	12.263	43	9316	0.996	ug/l #	85
75) 1,1,2,2-Tetrachloroethane	12.704	83	7522	1.042	ug/l	90
76) 1,2,3-Trichloropropane	12.751	75	6777m	1.197	ug/l	
77) Bromobenzene	12.739	156	4560	1.127	ug/l	77
78) n-propylbenzene	12.792	91	21009	0.970	ug/l	98
79) 2-Chlorotoluene	12.880	91	13831	1.084	ug/l	93
80) 1,3,5-Trimethylbenzene	12.939	105	15104	1.000	ug/l	98
82) 4-Chlorotoluene	12.980	91	13258	1.074	ug/l	100
83) tert-Butylbenzene	13.192	119	13811	1.022	ug/l	92
84) 1,2,4-Trimethylbenzene	13.245	105	11877	0.817	ug/l	90
85) sec-Butylbenzene	13.380	105	20546	1.066	ug/l	95
86) p-Isopropyltoluene	13.492	119	12659	0.857	ug/l	89
87) 1,3-Dichlorobenzene	13.492	146	8712	1.133	ug/l	97
88) 1,4-Dichlorobenzene	13.562	146	8375m	1.112	ug/l	
89) n-Butylbenzene	13.810	91	14085	1.056	ug/l	85
90) Hexachloroethane	14.068	117	3146	1.256	ug/l	74
91) 1,2-Dichlorobenzene	13.857	146	7734	1.034	ug/l	90
92) 1,2-Dibromo-3-Chloropr...	14.468	75	1590	1.197	ug/l	71
93) 1,2,4-Trichlorobenzene	15.127	180	2837	0.861	ug/l #	86
94) Hexachlorobutadiene	15.233	225	2100	1.260	ug/l #	63
95) Naphthalene	15.362	128	10854	0.866	ug/l #	93
96) 1,2,3-Trichlorobenzene	15.551	180	3697	1.063	ug/l	72

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

Reviewed By :John Carlone 10/04/2022
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