

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN051822\
 Data File : VN072538.D
 Acq On : 18 May 2022 13:30
 Operator : JC\MD
 Sample : VSTDICC005
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC005

Quant Time: May 18 15:23:03 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051822W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 18 15:21:12 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 05/19/2022
 Supervised By : Mahesh Dadoda 05/19/2022

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

Internal Standards						
1) Pentafluorobenzene	8.075	168	164289	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.957	114	255419	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	244180	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.668	152	97500	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.433	65	13055	5.167	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	10.340%#		
35) Dibromofluoromethane	8.010	113	8617	5.047	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	10.100%#		
50) Toluene-d8	10.433	98	31786	4.901	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	9.800%#		
62) 4-Bromofluorobenzene	12.727	95	11291	5.106	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	10.220%#		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.063	85	9711	4.884	ug/l	97
3) Chloromethane	2.293	50	8063	3.833	ug/l	92
4) Vinyl Chloride	2.446	62	7505	4.537	ug/l	93
5) Bromomethane	2.804	94	7790	7.402	ug/l	94
6) Chloroethane	2.922	64	8325	7.404	ug/l	97
7) Trichlorofluoromethane	3.299	101	17009	5.421	ug/l	94
8) Diethyl Ether	3.816	74	5239	4.728	ug/l	95
9) 1,1,2-Trichlorotrifluo...	4.175	101	8092	4.788	ug/l	98
10) Methyl Iodide	4.393	142	9239	4.152	ug/l #	74
11) Tert butyl alcohol	5.422	59	5697m	14.974	ug/l	
12) 1,1-Dichloroethene	4.146	96	6966	4.408	ug/l	91
13) Acrolein	4.034	56	9057	23.840	ug/l	94
14) Allyl chloride	4.804	41	11095	3.767	ug/l	92
15) Acrylonitrile	5.551	53	21447	19.892	ug/l	98
16) Acetone	4.298	43	18738	19.787	ug/l #	86
17) Carbon Disulfide	4.498	76	17147	4.177	ug/l	97
18) Methyl Acetate	4.857	43	11435	4.086	ug/l	93
19) Methyl tert-butyl Ether	5.616	73	26730	4.581	ug/l	94
20) Methylene Chloride	5.063	84	9101	4.564	ug/l	96
21) trans-1,2-Dichloroethene	5.575	96	7511	4.451	ug/l #	94
22) Diisopropyl ether	6.492	45	25474	4.214	ug/l #	99
23) Vinyl Acetate	6.428	43	105470	20.851	ug/l	98
24) 1,1-Dichloroethane	6.363	63	15984	4.665	ug/l	96
25) 2-Butanone	7.339	43	41474m	27.565	ug/l	
26) 2,2-Dichloropropane	7.316	77	13730	4.715	ug/l	99
27) cis-1,2-Dichloroethene	7.316	96	9756	4.842	ug/l	90
28) Bromochloromethane	7.645	49	5911	4.051	ug/l #	93
29) Tetrahydrofuran	7.686	42	16353	16.750	ug/l	96
30) Chloroform	7.810	83	17957	5.091	ug/l	94
31) Cyclohexane	8.081	56	16564	5.146	ug/l #	83
32) 1,1,1-Trichloroethane	7.998	97	16049	4.932	ug/l	91
36) 1,1-Dichloropropene	8.210	75	11861	4.959	ug/l	91
37) Ethyl Acetate	7.404	43	11773	4.195	ug/l #	82
38) Carbon Tetrachloride	8.198	117	14108	5.224	ug/l	96
39) Methylcyclohexane	9.457	83	12717	4.762	ug/l	96
40) Benzene	8.451	78	33734	4.727	ug/l	92

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 VSTDIC005

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Quant Time: May 18 15:23:03 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051822W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 18 15:21:12 2022
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.628	41	6480m	4.569	ug/l	
42) 1,2-Dichloroethane	8.522	62	15780	5.422	ug/l	92
43) Isopropyl Acetate	8.557	43	20272	4.613	ug/l	98
44) Trichloroethene	9.204	130	8859	4.875	ug/l	93
45) 1,2-Dichloropropane	9.486	63	8003	4.464	ug/l #	83
46) Dibromomethane	9.569	93	6680	5.257	ug/l	89
47) Bromodichloromethane	9.757	83	13192	5.051	ug/l #	87
48) Methyl methacrylate	9.557	41	9416	4.637	ug/l #	86
49) 1,4-Dioxane	9.575	88	1442	44.553	ug/l #	85
51) 4-Methyl-2-Pentanone	10.333	43	61808	22.444	ug/l	94
52) Toluene	10.504	92	22202	4.985	ug/l	97
53) t-1,3-Dichloropropene	10.710	75	13450	5.020	ug/l	89
54) cis-1,3-Dichloropropene	10.186	75	12941	4.580	ug/l #	88
55) 1,1,2-Trichloroethane	10.898	97	9834	5.241	ug/l #	88
56) Ethyl methacrylate	10.757	69	12490	4.642	ug/l #	81
57) 1,3-Dichloropropane	11.039	76	15457	4.876	ug/l	94
58) 2-Chloroethyl Vinyl ether	10.033	63	15067	26.983	ug/l	97
59) 2-Hexanone	11.080	43	41929	21.810	ug/l	90
60) Dibromochloromethane	11.239	129	10938	5.463	ug/l	98
61) 1,2-Dibromoethane	11.345	107	10097	5.391	ug/l	91
64) Tetrachloroethene	10.974	164	8450	4.874	ug/l	90
65) Chlorobenzene	11.769	112	25287	5.101	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.839	131	10190	5.129	ug/l	96
67) Ethyl Benzene	11.839	91	39085	4.581	ug/l	94
68) m/p-Xylenes	11.951	106	31750	9.779	ug/l	96
69) o-Xylene	12.280	106	15870	4.967	ug/l	94
70) Styrene	12.292	104	23957	4.872	ug/l	93
71) Bromoform	12.457	173	7547	5.173	ug/l #	96
73) Isopropylbenzene	12.580	105	39804	4.956	ug/l	97
74) N-amyl acetate	12.380	43	12860	4.606	ug/l #	91
75) 1,1,2,2-Tetrachloroethane	12.821	83	13449	4.731	ug/l	98
76) 1,2,3-Trichloropropane	12.880	75	13416m	5.341	ug/l	
77) Bromobenzene	12.857	156	10525	5.476	ug/l	95
78) n-propylbenzene	12.916	91	42073	4.883	ug/l	96
79) 2-Chlorotoluene	13.004	91	29096	5.100	ug/l	97
80) 1,3,5-Trimethylbenzene	13.057	105	34643	5.214	ug/l	94
81) trans-1,4-Dichloro-2-b...	12.621	75	3636	4.882	ug/l	87
82) 4-Chlorotoluene	13.098	91	27750	5.159	ug/l	94
83) tert-Butylbenzene	13.321	119	29672	5.182	ug/l	95
84) 1,2,4-Trimethylbenzene	13.363	105	32740	5.130	ug/l	94
85) sec-Butylbenzene	13.492	105	37582	4.938	ug/l	100
86) p-Isopropyltoluene	13.615	119	29692	4.980	ug/l	96
87) 1,3-Dichlorobenzene	13.610	146	17587	5.330	ug/l	96
88) 1,4-Dichlorobenzene	13.692	146	16615	5.041	ug/l	87
89) n-Butylbenzene	13.939	91	21416	4.671	ug/l	97
90) Hexachloroethane	14.210	117	5922	4.975	ug/l	98
91) 1,2-Dichlorobenzene	13.986	146	16919	5.108	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.598	75	2776	5.430	ug/l	77
93) 1,2,4-Trichlorobenzene	15.262	180	5934	4.585	ug/l	97
94) Hexachlorobutadiene	15.357	225	5326	6.256	ug/l	88
95) Naphthalene	15.504	128	15909	4.270	ug/l	98
96) 1,2,3-Trichlorobenzene	15.692	180	6451	4.972	ug/l	94

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ALS Vial : 6 Sample Multiplier: 1

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VSTDICC005

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Quant Title : SW846 8260
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

