

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN052422\
 Data File : VN072583.D
 Acq On : 24 May 2022 13:03
 Operator : JC\MD
 Sample : VSTDICC005
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC005

Quant Time: May 24 14:55:32 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N052422W.M
 Quant Title : SW846 8260
 QLast Update : Tue May 24 14:54:19 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 05/25/2022
 Supervised By : Mahesh Dadoda 05/25/2022

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

Internal Standards						
1) Pentafluorobenzene	8.075	168	120529	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.957	114	183983	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	176020	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.668	152	68626	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.433	65	8039	4.480	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	8.960%#		
35) Dibromofluoromethane	8.010	113	6775	5.509	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	11.020%#		
50) Toluene-d8	10.433	98	24908	5.333	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	10.660%#		
62) 4-Bromofluorobenzene	12.727	95	8179	4.741	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	9.480%#		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.063	85	6384	4.670	ug/l	94
3) Chloromethane	2.293	50	7873	6.051	ug/l	99
4) Vinyl Chloride	2.434	62	5748	5.402	ug/l	99
5) Bromomethane	2.810	94	4227	4.551	ug/l	87
6) Chloroethane	2.969	64	4488	3.908	ug/l	95
7) Trichlorofluoromethane	3.351	101	10812	4.600	ug/l	90
8) Diethyl Ether	3.822	74	4051	5.576	ug/l	94
9) 1,1,2-Trichlorotrifluo...	4.187	101	6263	5.443	ug/l	97
10) Methyl Iodide	4.410	142	5708	3.900	ug/l #	95
11) Tert butyl alcohol	5.375	59	7182m	38.089	ug/l	
12) 1,1-Dichloroethene	4.175	96	5905	5.800	ug/l	85
13) Acrolein	4.034	56	5854	25.719	ug/l	95
14) Allyl chloride	4.834	41	10069	5.835	ug/l	90
15) Acrylonitrile	5.545	53	20961	30.155	ug/l	96
16) Acetone	4.275	43	16723	28.204	ug/l	96
17) Carbon Disulfide	4.516	76	14565	5.566	ug/l #	91
18) Methyl Acetate	4.839	43	10996	6.120	ug/l	98
19) Methyl tert-butyl Ether	5.604	73	19203	4.727	ug/l	96
20) Methylene Chloride	5.075	84	7730	5.603	ug/l	88
21) trans-1,2-Dichloroethene	5.587	96	6314	5.630	ug/l	90
22) Diisopropyl ether	6.481	45	22197	5.825	ug/l	92
23) Vinyl Acetate	6.422	43	88495	26.958	ug/l	94
24) 1,1-Dichloroethane	6.381	63	11978	5.258	ug/l	98
25) 2-Butanone	7.322	43	28005	29.714	ug/l #	87
26) 2,2-Dichloropropane	7.316	77	8807	4.276	ug/l	95
27) cis-1,2-Dichloroethene	7.316	96	7416	5.299	ug/l	97
28) Bromochloromethane	7.645	49	5099	5.528	ug/l #	100
29) Tetrahydrofuran	7.680	42	17251	30.262	ug/l	93
30) Chloroform	7.810	83	12733	4.941	ug/l	94
31) Cyclohexane	8.080	56	12674	5.945	ug/l #	83
32) 1,1,1-Trichloroethane	8.004	97	10251	4.386	ug/l	99
36) 1,1-Dichloropropene	8.216	75	8910	5.222	ug/l	98
37) Ethyl Acetate	7.410	43	11835	6.080	ug/l #	93
38) Carbon Tetrachloride	8.198	117	9219	4.432	ug/l	93
39) Methylcyclohexane	9.451	83	10817	5.319	ug/l	87
40) Benzene	8.451	78	28557	5.632	ug/l	99

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 Sample : VSTDICC005
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
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 ClientSampleId :
 VSTDICC005

Manual Integrations
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Reviewed By : John Carlone 05/25/2022
 Supervised By : Mahesh Dadoda 05/25/2022

Quant Time: May 24 14:55:32 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N052422W.M
 Quant Title : SW846 8260
 QLast Update : Tue May 24 14:54:19 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.633	41	5204	5.508	ug/l	91
42) 1,2-Dichloroethane	8.527	62	9596	4.246	ug/l	98
43) Isopropyl Acetate	8.551	43	14995	4.896	ug/l	98
44) Trichloroethene	9.210	130	7274	5.266	ug/l	87
45) 1,2-Dichloropropane	9.480	63	7392	5.838	ug/l	90
46) Dibromomethane	9.574	93	5098	5.436	ug/l	97
47) Bromodichloromethane	9.757	83	9190	4.778	ug/l	89
48) Methyl methacrylate	9.551	41	7638	5.225	ug/l	94
49) 1,4-Dioxane	9.563	88	2913	183.473	ug/l	98
51) 4-Methyl-2-Pentanone	10.327	43	51980	25.811	ug/l	96
52) Toluene	10.498	92	17672	5.441	ug/l	97
53) t-1,3-Dichloropropene	10.716	75	9008	4.393	ug/l	90
54) cis-1,3-Dichloropropene	10.180	75	10381	5.037	ug/l	98
55) 1,1,2-Trichloroethane	10.892	97	7343	5.205	ug/l	95
56) Ethyl methacrylate	10.757	69	10624	5.045	ug/l	94
57) 1,3-Dichloropropane	11.039	76	12692	5.349	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.033	63	21741	37.265	ug/l	98
59) 2-Hexanone	11.080	43	36770	26.205	ug/l	94
60) Dibromochloromethane	11.233	129	7687	4.816	ug/l	100
61) 1,2-Dibromoethane	11.339	107	7605	5.207	ug/l	98
64) Tetrachloroethene	10.969	164	6522	5.189	ug/l	90
65) Chlorobenzene	11.763	112	20200	5.510	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.839	131	7239	4.915	ug/l	99
67) Ethyl Benzene	11.839	91	33158	5.210	ug/l	97
68) m/p-Xylenes	11.951	106	25992	10.656	ug/l	98
69) o-Xylene	12.274	106	12107	4.884	ug/l	93
70) Styrene	12.292	104	19988	5.236	ug/l	98
71) Bromoform	12.451	173	6301	5.490	ug/l #	99
73) Isopropylbenzene	12.574	105	30841	5.364	ug/l	99
74) N-amyl acetate	12.380	43	10418	5.266	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.821	83	11352	6.287	ug/l	99
76) 1,2,3-Trichloropropane	12.880	75	9162m	4.545	ug/l	
77) Bromobenzene	12.857	156	8230	5.534	ug/l	97
78) n-propylbenzene	12.915	91	33959	5.390	ug/l	97
79) 2-Chlorotoluene	13.004	91	21866	5.271	ug/l	97
80) 1,3,5-Trimethylbenzene	13.051	105	24092	4.935	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.615	75	3192	6.039	ug/l	97
82) 4-Chlorotoluene	13.098	91	20142	5.196	ug/l	98
83) tert-Butylbenzene	13.315	119	21724	5.097	ug/l	97
84) 1,2,4-Trimethylbenzene	13.362	105	23502	4.940	ug/l	100
85) sec-Butylbenzene	13.498	105	30181	5.426	ug/l	99
86) p-Isopropyltoluene	13.610	119	23019	5.065	ug/l	99
87) 1,3-Dichlorobenzene	13.610	146	13246	5.446	ug/l	97
88) 1,4-Dichlorobenzene	13.686	146	13368	5.669	ug/l	94
89) n-Butylbenzene	13.939	91	18137	5.263	ug/l	99
90) Hexachloroethane	14.204	117	5022	6.183	ug/l	96
91) 1,2-Dichlorobenzene	13.986	146	12559	5.200	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.598	75	1694	4.697	ug/l	87
93) 1,2,4-Trichlorobenzene	15.262	180	6256	5.803	ug/l	100
94) Hexachlorobutadiene	15.368	225	4084	6.097	ug/l	93
95) Naphthalene	15.504	128	18611	5.792	ug/l	99
96) 1,2,3-Trichlorobenzene	15.692	180	6830	6.114	ug/l	97

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ClientSampleId :
VSTDICC005

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APPROVED

Reviewed By :John Carlone 05/25/2022
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Quant Title : SW846 8260
QLast Update : Tue May 24 14:54:19 2022
Response via : Initial Calibration

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

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

