

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061622\
 Data File : VN072880.D
 Acq On : 16 Jun 2022 11:03
 Operator : JC\MD
 Sample : VSTDICC005
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC005

Manual Integrations
 APPROVED

Reviewed By : John Carlone 06/20/2022
 Supervised By : Mahesh Dadoda 06/30/2022

Quant Time: Jun 17 05:34:06 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N061622W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 17 05:32:32 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.016	168	283146	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.898	114	453763	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.680	117	457218	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.610	152	199897	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.363	65	26993	5.160	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	10.320%#		
35) Dibromofluoromethane	7.951	113	21496	5.215	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	10.440%#		
50) Toluene-d8	10.374	98	88347	5.476	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	10.960%#		
62) 4-Bromofluorobenzene	12.668	95	28371	5.069	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	10.140%#		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.046	85	18469	4.680	ug/l	98
3) Chloromethane	2.269	50	22117	4.886	ug/l	100
4) Vinyl Chloride	2.410	62	16556	4.768	ug/l	95
5) Bromomethane	2.787	94	7388	5.444	ug/l	86
6) Chloroethane	2.957	64	10236	5.014	ug/l	97
7) Trichlorofluoromethane	3.310	101	32289	4.899	ug/l	96
8) Diethyl Ether	3.775	74	14226	5.123	ug/l	90
9) 1,1,2-Trichlorotrifluo...	4.140	101	19255	5.165	ug/l	98
10) Methyl Iodide	4.357	142	21034	4.464	ug/l	99
11) Tert butyl alcohol	5.298	59	36625	26.890	ug/l	99
12) 1,1-Dichloroethene	4.110	96	19856	5.028	ug/l	86
13) Acrolein	3.981	56	14129	32.879	ug/l	99
14) Allyl chloride	4.757	41	39931	4.989	ug/l	96
15) Acrylonitrile	5.475	53	74371	25.162	ug/l	100
16) Acetone	4.228	43	66325	25.119	ug/l	99
17) Carbon Disulfide	4.457	76	52442	4.907	ug/l	99
18) Methyl Acetate	4.781	43	37838	5.027	ug/l	94
19) Methyl tert-butyl Ether	5.534	73	73747	5.105	ug/l	95
20) Methylene Chloride	5.016	84	24166	5.117	ug/l	89
21) trans-1,2-Dichloroethene	5.522	96	21437	5.131	ug/l #	78
22) Diisopropyl ether	6.416	45	74489	5.034	ug/l	99
23) Vinyl Acetate	6.351	43	336446	25.016	ug/l	96
24) 1,1-Dichloroethane	6.304	63	38536	4.974	ug/l	99
25) 2-Butanone	7.263	43	107326	25.521	ug/l #	88
26) 2,2-Dichloropropane	7.239	77	37980	5.427	ug/l	98
27) cis-1,2-Dichloroethene	7.245	96	24987	4.934	ug/l	97
28) Bromochloromethane	7.586	49	16531	4.980	ug/l	96
29) Tetrahydrofuran	7.616	42	68500	24.570	ug/l	94
30) Chloroform	7.745	83	40503	5.066	ug/l	95
31) Cyclohexane	8.016	56	38427	5.479	ug/l #	88
32) 1,1,1-Trichloroethane	7.945	97	36061	5.094	ug/l	99
36) 1,1-Dichloropropene	8.151	75	28851	5.125	ug/l	97
37) Ethyl Acetate	7.339	43	40837	5.013	ug/l	97
38) Carbon Tetrachloride	8.128	117	30524	5.036	ug/l	97
39) Methylcyclohexane	9.392	83	35108	5.025	ug/l	95
40) Benzene	8.386	78	90891	5.068	ug/l	100

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 Quant Title : SW846 8260
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.569	41	22290	5.256	ug/l #	85
42) 1,2-Dichloroethane	8.463	62	33452	5.173	ug/l	100
43) Isopropyl Acetate	8.492	43	61954	4.886	ug/l	98
44) Trichloroethene	9.145	130	24235	5.054	ug/l	93
45) 1,2-Dichloropropane	9.422	63	23309	5.150	ug/l	98
46) Dibromomethane	9.510	93	16165	5.147	ug/l	99
47) Bromodichloromethane	9.692	83	31950	5.022	ug/l	95
48) Methyl methacrylate	9.492	41	28418	4.907	ug/l	94
49) 1,4-Dioxane	9.504	88	11663	95.071	ug/l #	89
51) 4-Methyl-2-Pentanone	10.269	43	207844	25.340	ug/l	93
52) Toluene	10.439	92	59485	5.125	ug/l	99
53) t-1,3-Dichloropropene	10.651	75	36195	4.994	ug/l	97
54) cis-1,3-Dichloropropene	10.122	75	37656	5.004	ug/l #	89
55) 1,1,2-Trichloroethane	10.833	97	23741	5.066	ug/l	92
56) Ethyl methacrylate	10.692	69	40002	5.027	ug/l #	89
57) 1,3-Dichloropropane	10.980	76	42444	5.308	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.975	63	70594	25.096	ug/l	99
59) 2-Hexanone	11.022	43	155893	25.596	ug/l	92
60) Dibromochloromethane	11.169	129	25519	5.076	ug/l	97
61) 1,2-Dibromoethane	11.280	107	25774	5.054	ug/l	97
64) Tetrachloroethene	10.910	164	23131	5.269	ug/l	90
65) Chlorobenzene	11.704	112	61073	5.069	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.774	131	23994	5.151	ug/l	98
67) Ethyl Benzene	11.780	91	109781	5.159	ug/l	95
68) m/p-Xylenes	11.886	106	82787	10.127	ug/l	98
69) o-Xylene	12.216	106	43929	5.237	ug/l	98
70) Styrene	12.227	104	67055	5.165	ug/l	98
71) Bromoform	12.392	173	18740	4.979	ug/l #	97
73) Isopropylbenzene	12.516	105	107748	5.652	ug/l	99
74) N-amyl acetate	12.327	43	42549	5.216	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.763	83	34611	5.553	ug/l	99
76) 1,2,3-Trichloropropane	12.816	75	31185m	5.233	ug/l	
77) Bromobenzene	12.792	156	23894	5.363	ug/l	92
78) n-propylbenzene	12.857	91	105998	5.332	ug/l	99
79) 2-Chlorotoluene	12.939	91	69410	5.356	ug/l	100
80) 1,3,5-Trimethylbenzene	12.992	105	83651	5.476	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.563	75	10929	5.231	ug/l	91
82) 4-Chlorotoluene	13.039	91	62047	5.195	ug/l	100
83) tert-Butylbenzene	13.257	119	75429	5.516	ug/l	97
84) 1,2,4-Trimethylbenzene	13.304	105	79306	5.400	ug/l	98
85) sec-Butylbenzene	13.433	105	91731	5.175	ug/l	99
86) p-Isopropyltoluene	13.551	119	76233	5.328	ug/l	99
87) 1,3-Dichlorobenzene	13.551	146	36692	5.056	ug/l	98
88) 1,4-Dichlorobenzene	13.627	146	37081	5.075	ug/l	97
89) n-Butylbenzene	13.874	91	54926	4.994	ug/l	98
90) Hexachloroethane	14.139	117	16963	5.484	ug/l	89
91) 1,2-Dichlorobenzene	13.921	146	38960	5.308	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.539	75	7641	5.051	ug/l	91
93) 1,2,4-Trichlorobenzene	15.186	180	17242	4.701	ug/l	95
94) Hexachlorobutadiene	15.292	225	9696	5.340	ug/l	96
95) Naphthalene	15.433	128	56396	4.453	ug/l	100
96) 1,2,3-Trichlorobenzene	15.627	180	17085	4.691	ug/l	96

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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

