

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061622\
 Data File : VN072884.D
 Acq On : 16 Jun 2022 12:40
 Operator : JC\MD
 Sample : VSTDICC100
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC100

Quant Time: Jun 17 05:35:24 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

Manual Integrations APPROVED

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

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

Internal Standards						
1) Pentafluorobenzene	8.016	168	266260	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.898	114	432989	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.680	117	463930	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.610	152	245856	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	492515	100.121	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 200.240%#			
35) Dibromofluoromethane	7.951	113	391016	99.416	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 198.840%#			
50) Toluene-d8	10.374	98	1513376	98.302	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 196.600%#			
62) 4-Bromofluorobenzene	12.668	95	583435	109.247	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 218.500%#			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.046	85	385358	103.847	ug/l	99
3) Chloromethane	2.269	50	428447	100.661	ug/l	100
4) Vinyl Chloride	2.404	62	327853	100.398	ug/l	100
5) Bromomethane	2.775	94	62219	48.757	ug/l	98
6) Chloroethane	2.934	64	182519	95.068	ug/l	97
7) Trichlorofluoromethane	3.298	101	616776	99.518	ug/l	100
8) Diethyl Ether	3.763	74	259534	99.395	ug/l	88
9) 1,1,2-Trichlorotrifluo...	4.134	101	344763	98.342	ug/l	98
10) Methyl Iodide	4.345	142	493536	111.375	ug/l	98
11) Tert butyl alcohol	5.298	59	642702	501.790	ug/l	99
12) 1,1-Dichloroethene	4.110	96	354951	95.591	ug/l	98
13) Acrolein	3.981	56	186749	462.136	ug/l	98
14) Allyl chloride	4.757	41	747290	99.285	ug/l #	93
15) Acrylonitrile	5.475	53	1416273	509.549	ug/l	100
16) Acetone	4.222	43	1254430	505.215	ug/l	96
17) Carbon Disulfide	4.451	76	996489	99.159	ug/l	100
18) Methyl Acetate	4.775	43	650798	91.944	ug/l	92
19) Methyl tert-butyl Ether	5.534	73	1354361	99.696	ug/l	99
20) Methylene Chloride	5.010	84	434188	97.765	ug/l	96
21) trans-1,2-Dichloroethene	5.510	96	378362	96.312	ug/l	96
22) Diisopropyl ether	6.410	45	1395076	100.260	ug/l	96
23) Vinyl Acetate	6.351	43	6468446	511.459	ug/l	95
24) 1,1-Dichloroethane	6.304	63	729652	100.155	ug/l	99
25) 2-Butanone	7.263	43	2002346	506.330	ug/l	92
26) 2,2-Dichloropropane	7.245	77	616728	93.713	ug/l	99
27) cis-1,2-Dichloroethene	7.245	96	454597	95.462	ug/l	97
28) Bromochloromethane	7.586	49	309633	99.189	ug/l	92
29) Tetrahydrofuran	7.610	42	1341832	511.810	ug/l	89
30) Chloroform	7.745	83	741577	98.642	ug/l	96
31) Cyclohexane	8.016	56	622797	94.432	ug/l	91
32) 1,1,1-Trichloroethane	7.939	97	670206	100.672	ug/l	97
36) 1,1-Dichloropropene	8.145	75	537126	99.997	ug/l	99
37) Ethyl Acetate	7.339	43	796539	102.465	ug/l	96
38) Carbon Tetrachloride	8.133	117	573629	99.189	ug/l	99
39) Methylcyclohexane	9.392	83	657652	98.645	ug/l	95
40) Benzene	8.386	78	1665580	97.320	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.563	41	405078	100.092	ug/l #	84
42) 1,2-Dichloroethane	8.457	62	610803	98.978	ug/l	98
43) Isopropyl Acetate	8.492	43	1220022	100.836	ug/l	96
44) Trichloroethene	9.145	130	444112	97.060	ug/l	96
45) 1,2-Dichloropropane	9.422	63	428554	99.236	ug/l	99
46) Dibromomethane	9.510	93	295307	98.539	ug/l	97
47) Bromodichloromethane	9.692	83	611446	100.725	ug/l	99
48) Methyl methacrylate	9.492	41	574996	104.046	ug/l	92
49) 1,4-Dioxane	9.504	88	241306	2061.370	ug/l #	94
51) 4-Methyl-2-Pentanone	10.269	43	3910424	499.624	ug/l	92
52) Toluene	10.439	92	1087822	98.219	ug/l	98
53) t-1,3-Dichloropropene	10.657	75	712527	103.019	ug/l	99
54) cis-1,3-Dichloropropene	10.122	75	728163	101.404	ug/l	93
55) 1,1,2-Trichloroethane	10.833	97	436578	97.637	ug/l	99
56) Ethyl methacrylate	10.698	69	795871	104.811	ug/l	89
57) 1,3-Dichloropropane	10.980	76	750868	98.404	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.974	63	1503753	560.237	ug/l	98
59) 2-Hexanone	11.021	43	2999541	516.114	ug/l	90
60) Dibromochloromethane	11.174	129	495800	103.348	ug/l	99
61) 1,2-Dibromoethane	11.280	107	489534	100.596	ug/l	100
64) Tetrachloroethene	10.910	164	391929	87.990	ug/l	96
65) Chlorobenzene	11.704	112	1185111	96.949	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.774	131	442462	93.622	ug/l	98
67) Ethyl Benzene	11.780	91	2077289	96.204	ug/l	100
68) m/p-Xylenes	11.886	106	1577781	190.209	ug/l	96
69) o-Xylene	12.216	106	798736	93.853	ug/l	97
70) Styrene	12.227	104	1320075	100.208	ug/l	99
71) Bromoform	12.392	173	399832	104.703	ug/l	99
73) Isopropylbenzene	12.515	105	2070411	88.303	ug/l	100
74) N-amyl acetate	12.327	43	980956	97.770	ug/l	91
75) 1,1,2,2-Tetrachloroethane	12.763	83	661861	86.334	ug/l	99
76) 1,2,3-Trichloropropane	12.815	75	724288m	98.819	ug/l	
77) Bromobenzene	12.792	156	493590	90.080	ug/l	93
78) n-propylbenzene	12.857	91	2337406	95.590	ug/l	99
79) 2-Chlorotoluene	12.939	91	1447335	90.808	ug/l	99
80) 1,3,5-Trimethylbenzene	12.992	105	1697547	90.346	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.563	75	256307	99.741	ug/l	99
82) 4-Chlorotoluene	13.039	91	1406407	95.748	ug/l	98
83) tert-Butylbenzene	13.257	119	1538986	91.508	ug/l	98
84) 1,2,4-Trimethylbenzene	13.304	105	1652294	91.469	ug/l	98
85) sec-Butylbenzene	13.433	105	2073980	95.122	ug/l	100
86) p-Isopropyltoluene	13.551	119	1678861	95.404	ug/l	98
87) 1,3-Dichlorobenzene	13.545	146	813324	91.123	ug/l	99
88) 1,4-Dichlorobenzene	13.627	146	833950	92.793	ug/l	99
89) n-Butylbenzene	13.874	91	1415354	104.640	ug/l	99
90) Hexachloroethane	14.145	117	345747	90.875	ug/l	93
91) 1,2-Dichlorobenzene	13.921	146	812428	89.998	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.533	75	156683	84.211	ug/l	98
93) 1,2,4-Trichlorobenzene	15.192	180	456166	101.120	ug/l	99
94) Hexachlorobutadiene	15.292	225	199364	89.280	ug/l	98
95) Naphthalene	15.427	128	1657556	106.413	ug/l	100
96) 1,2,3-Trichlorobenzene	15.621	180	459655	102.606	ug/l	98

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

