

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061422\
 Data File : VN072840.D
 Acq On : 14 Jun 2022 18:34
 Operator : JC\MD
 Sample : VSTDICC020
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC020

Quant Time: Jun 15 02:25:24 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N061422W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 15 02:19:54 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 06/15/2022
 Supervised By : Mahesh Dadoda 06/15/2022

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

Internal Standards						
1) Pentafluorobenzene	8.081	168	312217	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.963	114	568782	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	499291	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	181344	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.434	65	90414	19.120	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	38.240%#		
35) Dibromofluoromethane	8.022	113	68356	19.640	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	39.280%#		
50) Toluene-d8	10.439	98	264376	18.923	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	37.840%#		
62) 4-Bromofluorobenzene	12.727	95	85272	17.826	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	35.660%#		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.069	85	47296	18.096	ug/l	96
3) Chloromethane	2.293	50	51621	16.927	ug/l	98
4) Vinyl Chloride	2.434	62	42988	17.411	ug/l	95
5) Bromomethane	2.840	94	21135	24.399	ug/l	100
6) Chloroethane	3.005	64	29171	16.237	ug/l	97
7) Trichlorofluoromethane	3.363	101	82314	17.034	ug/l	97
8) Diethyl Ether	3.816	74	39999	18.317	ug/l	77
9) 1,1,2-Trichlorotrifluo...	4.205	101	53962	18.629	ug/l	93
10) Methyl Iodide	4.416	142	45711	16.814	ug/l	94
11) Tert butyl alcohol	5.363	59	106647	20.971	ug/l	100
12) 1,1-Dichloroethene	4.169	96	49496	17.911	ug/l	94
13) Acrolein	4.040	56	52408	166.824	ug/l	97
14) Allyl chloride	4.834	41	113547	17.757	ug/l #	93
15) Acrylonitrile	5.551	53	263077	98.294	ug/l	100
16) Acetone	4.287	43	244709	96.311	ug/l	94
17) Carbon Disulfide	4.528	76	95108	15.926	ug/l	99
18) Methyl Acetate	4.852	43	130871	17.578	ug/l #	89
19) Methyl tert-butyl Ether	5.610	73	221795	19.315	ug/l	99
20) Methylene Chloride	5.093	84	69651	18.454	ug/l #	90
21) trans-1,2-Dichloroethene	5.593	96	53047	17.686	ug/l	97
22) Diisopropyl ether	6.493	45	251048	19.490	ug/l	96
23) Vinyl Acetate	6.428	43	1100945	96.591	ug/l #	92
24) 1,1-Dichloroethane	6.387	63	121722	18.757	ug/l	98
25) 2-Butanone	7.328	43	388800	97.770	ug/l	90
26) 2,2-Dichloropropane	7.322	77	88735	17.862	ug/l	99
27) cis-1,2-Dichloroethene	7.322	96	71967	18.240	ug/l	96
28) Bromochloromethane	7.657	49	63075	19.792	ug/l #	81
29) Tetrahydrofuran	7.681	42	256306	100.226	ug/l #	87
30) Chloroform	7.810	83	125867	18.942	ug/l	98
31) Cyclohexane	8.087	56	100505	18.340	ug/l	87
32) 1,1,1-Trichloroethane	8.010	97	102761	18.868	ug/l	96
36) 1,1-Dichloropropene	8.216	75	78862	17.651	ug/l	98
37) Ethyl Acetate	7.404	43	151411	21.010	ug/l	94
38) Carbon Tetrachloride	8.204	117	80821	18.084	ug/l	92
39) Methylcyclohexane	9.457	83	92084	17.979	ug/l	91
40) Benzene	8.457	78	264636	18.550	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.634	41	74004	19.328	ug/l #	85
42) 1,2-Dichloroethane	8.528	62	103206	19.145	ug/l	97
43) Isopropyl Acetate	8.557	43	213538	17.827	ug/l	92
44) Trichloroethene	9.216	130	63394	18.095	ug/l	86
45) 1,2-Dichloropropane	9.487	63	73689	19.587	ug/l	99
46) Dibromomethane	9.575	93	48434	18.828	ug/l	90
47) Bromodichloromethane	9.757	83	101478	19.521	ug/l	100
48) Methyl methacrylate	9.557	41	103506	19.688	ug/l	89
49) 1,4-Dioxane	9.563	88	42127	419.517	ug/l #	91
51) 4-Methyl-2-Pentanone	10.328	43	765131	99.730	ug/l	91
52) Toluene	10.504	92	169488	18.827	ug/l	100
53) t-1,3-Dichloropropene	10.716	75	100894	18.225	ug/l	98
54) cis-1,3-Dichloropropene	10.187	75	109893	18.518	ug/l #	84
55) 1,1,2-Trichloroethane	10.892	97	73819	18.743	ug/l	97
56) Ethyl methacrylate	10.757	69	127121	18.926	ug/l #	86
57) 1,3-Dichloropropane	11.039	76	129221	18.940	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.039	63	267952	95.737	ug/l	94
59) 2-Hexanone	11.081	43	565995	99.545	ug/l	89
60) Dibromochloromethane	11.239	129	72870	18.751	ug/l	98
61) 1,2-Dibromoethane	11.345	107	73874	18.675	ug/l	99
64) Tetrachloroethene	10.975	164	57518	18.873	ug/l	95
65) Chlorobenzene	11.769	112	175739	18.837	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.839	131	69897	20.150	ug/l	98
67) Ethyl Benzene	11.839	91	322698	18.928	ug/l	100
68) m/p-Xylenes	11.951	106	231932	37.596	ug/l	95
69) o-Xylene	12.275	106	117732	18.448	ug/l	93
70) Styrene	12.292	104	186277	18.805	ug/l	98
71) Bromoform	12.457	173	51075	19.701	ug/l #	95
73) Isopropylbenzene	12.575	105	309552	19.122	ug/l	98
74) N-amyl acetate	12.386	43	146591	18.413	ug/l	90
75) 1,1,2,2-Tetrachloroethane	12.822	83	118113	20.048	ug/l	97
76) 1,2,3-Trichloropropane	12.880	75	108210m	20.913	ug/l	
77) Bromobenzene	12.857	156	66724	18.765	ug/l	79
78) n-propylbenzene	12.916	91	335533	18.973	ug/l	96
79) 2-Chlorotoluene	13.004	91	213464	18.780	ug/l	95
80) 1,3,5-Trimethylbenzene	13.057	105	243615	19.071	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.622	75	29836	18.033	ug/l	86
82) 4-Chlorotoluene	13.104	91	190695	18.197	ug/l	97
83) tert-Butylbenzene	13.322	119	217492	18.764	ug/l	93
84) 1,2,4-Trimethylbenzene	13.363	105	236533	19.411	ug/l	98
85) sec-Butylbenzene	13.498	105	299522	19.295	ug/l	96
86) p-Isopropyltoluene	13.616	119	229980	19.459	ug/l	99
87) 1,3-Dichlorobenzene	13.610	146	110142	18.402	ug/l	98
88) 1,4-Dichlorobenzene	13.692	146	109286	18.169	ug/l	97
89) n-Butylbenzene	13.939	91	182142	18.252	ug/l	98
90) Hexachloroethane	14.210	117	44738	18.278	ug/l	84
91) 1,2-Dichlorobenzene	13.986	146	117792	19.482	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.604	75	24205	18.594	ug/l	83
93) 1,2,4-Trichlorobenzene	15.263	180	53360	17.350	ug/l	98
94) Hexachlorobutadiene	15.368	225	25273	18.663	ug/l	97
95) Naphthalene	15.504	128	213679	17.567	ug/l	99
96) 1,2,3-Trichlorobenzene	15.698	180	58163	17.879	ug/l	96

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

