

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081522\
 Data File : VN073889.D
 Acq On : 15 Aug 2022 11:15
 Operator : JC\MD
 Sample : VSTDICC020
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC020

Quant Time: Aug 15 13:08:33 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N081522W.M
 Quant Title : SW846 8260
 QLast Update : Mon Aug 15 13:00:13 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 08/16/2022
 Supervised By : Mahesh Dadoda 08/16/2022

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

Internal Standards						
1) Pentafluorobenzene	8.016	168	576346	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	846055	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.686	117	747858	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.615	152	369261	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.375	65	107899	15.362	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	30.720%#		
35) Dibromofluoromethane	7.957	113	95039	17.889	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	35.780%#		
50) Toluene-d8	10.380	98	365754	17.495	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	35.000%#		
62) 4-Bromofluorobenzene	12.674	95	119372	18.465	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	36.940%#		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.046	85	95323	17.052	ug/l	97
3) Chloromethane	2.269	50	102717	12.749	ug/l	96
4) Vinyl Chloride	2.404	62	132604	13.563	ug/l	98
5) Bromomethane	2.810	94	85122	15.012	ug/l	97
6) Chloroethane	2.969	64	90017	13.201	ug/l	96
7) Trichlorofluoromethane	3.322	101	166692	16.543	ug/l	97
8) Diethyl Ether	3.769	74	61686	16.304	ug/l	94
9) 1,1,2-Trichlorotrifluo...	4.145	101	96110	17.240	ug/l	93
10) Methyl Iodide	4.351	142	120564	21.274	ug/l	99
11) Tert butyl alcohol	5.287	59	135014	89.132	ug/l	99
12) 1,1-Dichloroethene	4.116	96	90799	16.605	ug/l	89
13) Acrolein	3.981	56	93796	62.459	ug/l	99
14) Allyl chloride	4.763	41	132523	15.159	ug/l	96
15) Acrylonitrile	5.475	53	318348	75.976	ug/l	100
16) Acetone	4.222	43	270975	71.829	ug/l	96
17) Carbon Disulfide	4.463	76	209826	14.472	ug/l	98
18) Methyl Acetate	4.775	43	151443	16.136	ug/l	95
19) Methyl tert-butyl Ether	5.534	73	338451	18.118	ug/l	95
20) Methylene Chloride	5.016	84	108673	13.650	ug/l	93
21) trans-1,2-Dichloroethene	5.516	96	100655	17.004	ug/l	94
22) Diisopropyl ether	6.410	45	288928	15.319	ug/l	95
23) Vinyl Acetate	6.351	43	1256350	79.448	ug/l	98
24) 1,1-Dichloroethane	6.304	63	181332	15.627	ug/l	97
25) 2-Butanone	7.257	43	434227	74.118	ug/l	94
26) 2,2-Dichloropropane	7.251	77	157440	17.636	ug/l	97
27) cis-1,2-Dichloroethene	7.251	96	125321	17.184	ug/l	92
28) Bromochloromethane	7.586	49	57913	11.887	ug/l	84
29) Tetrahydrofuran	7.610	42	278687	75.238	ug/l	94
30) Chloroform	7.745	83	197179	16.310	ug/l	98
31) Cyclohexane	8.022	56	152644	14.598	ug/l #	90
32) 1,1,1-Trichloroethane	7.945	97	179637	17.895	ug/l	96
36) 1,1-Dichloropropene	8.151	75	131460	17.362	ug/l	97
37) Ethyl Acetate	7.339	43	172161	17.265	ug/l	99
38) Carbon Tetrachloride	8.133	117	154316	20.066	ug/l	96
39) Methylcyclohexane	9.392	83	170046	18.793	ug/l	94
40) Benzene	8.392	78	437519	17.794	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.563	41	68109	15.094	ug/l #	90
42) 1,2-Dichloroethane	8.463	62	152400	18.391	ug/l	98
43) Isopropyl Acetate	8.492	43	238856	17.734	ug/l	97
44) Trichloroethene	9.151	130	126838	20.342	ug/l	94
45) 1,2-Dichloropropane	9.427	63	105656	17.191	ug/l	97
46) Dibromomethane	9.516	93	79545	18.648	ug/l	91
47) Bromodichloromethane	9.698	83	153215	18.715	ug/l	95
48) Methyl methacrylate	9.498	41	104989	17.808	ug/l	90
49) 1,4-Dioxane	9.504	88	64260	386.661	ug/l	91
51) 4-Methyl-2-Pentanone	10.269	43	844228	87.391	ug/l	100
52) Toluene	10.445	92	288595	19.216	ug/l	100
53) t-1,3-Dichloropropene	10.657	75	163493	20.215	ug/l	98
54) cis-1,3-Dichloropropene	10.127	75	176369	19.352	ug/l	97
55) 1,1,2-Trichloroethane	10.839	97	118048	18.849	ug/l	99
56) Ethyl methacrylate	10.704	69	170875	19.796	ug/l	98
57) 1,3-Dichloropropane	10.986	76	188305	17.722	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.980	63	403252	103.875	ug/l	95
59) 2-Hexanone	11.027	43	651011	88.947	ug/l	100
60) Dibromochloromethane	11.180	129	131833	21.159	ug/l	98
61) 1,2-Dibromoethane	11.286	107	124360	19.280	ug/l	99
64) Tetrachloroethene	10.916	164	115408	19.418	ug/l	91
65) Chlorobenzene	11.710	112	313998	19.767	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.780	131	121843	21.385	ug/l	98
67) Ethyl Benzene	11.786	91	523076	19.518	ug/l	97
68) m/p-Xylenes	11.892	106	423378	41.422	ug/l	96
69) o-Xylene	12.221	106	211671	21.242	ug/l	95
70) Styrene	12.233	104	337334	21.147	ug/l	98
71) Bromoform	12.398	173	108022	22.969	ug/l	100
73) Isopropylbenzene	12.521	105	534772	19.784	ug/l	98
74) N-amyl acetate	12.327	43	199831	19.566	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.768	83	183395	17.582	ug/l	99
76) 1,2,3-Trichloropropane	12.821	75	158926m	18.956	ug/l	
77) Bromobenzene	12.798	156	139457	19.811	ug/l	92
78) n-propylbenzene	12.863	91	567037	18.643	ug/l	97
79) 2-Chlorotoluene	12.945	91	354469	18.673	ug/l	96
80) 1,3,5-Trimethylbenzene	12.998	105	448478	20.161	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.568	75	56822	19.942	ug/l	99
82) 4-Chlorotoluene	13.045	91	332389	18.475	ug/l	94
83) tert-Butylbenzene	13.262	119	401364	20.370	ug/l	97
84) 1,2,4-Trimethylbenzene	13.310	105	442336	20.223	ug/l	98
85) sec-Butylbenzene	13.439	105	521664	19.156	ug/l	97
86) p-Isopropyltoluene	13.557	119	451025	21.009	ug/l	98
87) 1,3-Dichlorobenzene	13.551	146	249548	19.422	ug/l	98
88) 1,4-Dichlorobenzene	13.633	146	248286	19.313	ug/l	97
89) n-Butylbenzene	13.880	91	337504	19.322	ug/l	99
90) Hexachloroethane	14.151	117	77378	18.167	ug/l	86
91) 1,2-Dichlorobenzene	13.927	146	260938	20.041	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.539	75	43193	20.610	ug/l	85
93) 1,2,4-Trichlorobenzene	15.198	180	156365	24.183	ug/l	99
94) Hexachlorobutadiene	15.304	225	79475	22.609	ug/l	98
95) Naphthalene	15.433	128	542395	25.850	ug/l	100
96) 1,2,3-Trichlorobenzene	15.627	180	165459	24.314	ug/l	99

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

