

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN101922\
 Data File : VN074933.D
 Acq On : 19 Oct 2022 16:08
 Operator : JC\MD
 Sample : VSTDICC020
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC020

Quant Time: Oct 20 05:47:31 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N101922W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 20 05:43:46 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 10/20/2022
 Supervised By : Mahesh Dadoda 10/20/2022

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

Internal Standards						
1) Pentafluorobenzene	8.236	168	249568	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	418328	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	465297	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	242041	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	110953	18.731	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	37.460%#		
35) Dibromofluoromethane	8.177	113	93316	20.338	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	40.680%#		
50) Toluene-d8	10.571	98	386092	20.745	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	41.500%#		
62) 4-Bromofluorobenzene	12.853	95	100291	19.726	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	39.460%#		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.148	85	80263	18.590	ug/l	98
3) Chloromethane	2.383	50	115938	17.777	ug/l	95
4) Vinyl Chloride	2.530	62	190621	18.380	ug/l	95
5) Bromomethane	2.942	94	159993	15.283	ug/l	91
6) Chloroethane	3.124	64	170117	16.584	ug/l	97
7) Trichlorofluoromethane	3.506	101	123593	18.142	ug/l	98
8) Diethyl Ether	3.989	74	54830	17.557	ug/l	94
9) 1,1,2-Trichlorotrifluo...	4.389	101	77163	18.090	ug/l	99
10) Methyl Iodide	4.612	142	109993	19.346	ug/l	95
11) Tert butyl alcohol	5.553	59	133933	95.936	ug/l	99
12) 1,1-Dichloroethene	4.353	96	73137	18.752	ug/l	84
13) Acrolein	4.206	56	87054	85.163	ug/l	100
14) Allyl chloride	5.048	41	141048m	18.564	ug/l	
15) Acrylonitrile	5.742	53	338347	97.156	ug/l	99
16) Acetone	4.459	43	269146	89.389	ug/l	93
17) Carbon Disulfide	4.736	76	163152	17.999	ug/l	95
18) Methyl Acetate	5.059	43	194771	18.240	ug/l	96
19) Methyl tert-butyl Ether	5.818	73	288146	18.922	ug/l	95
20) Methylene Chloride	5.300	84	96555	16.145	ug/l	94
21) trans-1,2-Dichloroethene	5.812	96	77539	17.841	ug/l	96
22) Diisopropyl ether	6.683	45	304849	18.480	ug/l	98
23) Vinyl Acetate	6.624	43	1287582	103.129	ug/l	98
24) 1,1-Dichloroethane	6.583	63	164576	18.016	ug/l	97
25) 2-Butanone	7.494	43	456497	93.354	ug/l	92
26) 2,2-Dichloropropane	7.506	77	141532	18.627	ug/l	96
27) cis-1,2-Dichloroethene	7.500	96	102140	17.793	ug/l	98
28) Bromochloromethane	7.824	49	86470	21.305	ug/l	98
29) Tetrahydrofuran	7.847	42	298996	94.862	ug/l	99
30) Chloroform	7.977	83	171797	18.802	ug/l	98
31) Cyclohexane	8.265	56	139302	18.353	ug/l #	96
32) 1,1,1-Trichloroethane	8.177	97	138861	17.951	ug/l	99
36) 1,1-Dichloropropene	8.383	75	115231	18.400	ug/l	97
37) Ethyl Acetate	7.571	43	180315	19.477	ug/l	96
38) Carbon Tetrachloride	8.377	117	114654	18.673	ug/l	94
39) Methylcyclohexane	9.606	83	138226	18.994	ug/l	98
40) Benzene	8.612	78	390963	19.405	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.794	41	92008	18.938	ug/l	99
42) 1,2-Dichloroethane	8.677	62	134890	19.594	ug/l	100
43) Isopropyl Acetate	8.694	43	278987	19.951	ug/l	100
44) Trichloroethene	9.359	130	87202	18.659	ug/l	86
45) 1,2-Dichloropropane	9.630	63	106153	19.175	ug/l	99
46) Dibromomethane	9.712	93	68930	19.133	ug/l	95
47) Bromodichloromethane	9.894	83	134350	19.778	ug/l	98
48) Methyl methacrylate	9.688	41	116948	19.126	ug/l	97
49) 1,4-Dioxane	9.694	88	54582	400.677	ug/l #	93
51) 4-Methyl-2-Pentanone	10.447	43	945984	100.840	ug/l	99
52) Toluene	10.630	92	242942	19.261	ug/l	99
53) t-1,3-Dichloropropene	10.841	75	145805	20.142	ug/l #	87
54) cis-1,3-Dichloropropene	10.318	75	157213	19.684	ug/l	94
55) 1,1,2-Trichloroethane	11.024	97	102405	19.561	ug/l	93
56) Ethyl methacrylate	10.877	69	162966	20.143	ug/l	97
57) 1,3-Dichloropropane	11.165	76	175308	19.161	ug/l	96
58) 2-Chloroethyl Vinyl ether	10.165	63	358094	105.035	ug/l	99
59) 2-Hexanone	11.200	43	706744	102.395	ug/l	99
60) Dibromochloromethane	11.359	129	100355	19.583	ug/l	98
61) 1,2-Dibromoethane	11.471	107	98972	19.139	ug/l	99
64) Tetrachloroethene	11.112	164	71080	18.319	ug/l #	87
65) Chlorobenzene	11.894	112	251757	18.676	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.959	131	96227	18.880	ug/l	95
67) Ethyl Benzene	11.965	91	464925	19.969	ug/l	99
68) m/p-Xylenes	12.071	106	354125	39.480	ug/l	97
69) o-Xylene	12.400	106	179741	19.499	ug/l	100
70) Styrene	12.412	104	270518	19.531	ug/l	98
71) Bromoform	12.582	173	67555	19.359	ug/l #	95
73) Isopropylbenzene	12.694	105	451523	20.460	ug/l	100
74) N-amyl acetate	12.494	43	219475	19.884	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.941	83	161970	19.120	ug/l	100
76) 1,2,3-Trichloropropane	12.994	75	113954m	18.847	ug/l	
77) Bromobenzene	12.982	156	95507	19.798	ug/l	97
78) n-propylbenzene	13.035	91	499895	20.271	ug/l	98
79) 2-Chlorotoluene	13.129	91	276135	19.338	ug/l	98
80) 1,3,5-Trimethylbenzene	13.176	105	342612	19.498	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.735	75	45783	19.374	ug/l	87
82) 4-Chlorotoluene	13.129	91	276135	19.338	ug/l	98
83) tert-Butylbenzene	13.441	119	316343	20.037	ug/l	98
84) 1,2,4-Trimethylbenzene	13.482	105	325867	19.370	ug/l	95
85) sec-Butylbenzene	13.618	105	440851	20.629	ug/l	99
86) p-Isopropyltoluene	13.729	119	334189	20.191	ug/l	99
87) 1,3-Dichlorobenzene	13.729	146	153869	18.127	ug/l	97
88) 1,4-Dichlorobenzene	13.812	146	153874	18.366	ug/l	98
89) n-Butylbenzene	14.059	91	264447	19.289	ug/l	98
90) Hexachloroethane	14.335	117	64741	17.791	ug/l	95
91) 1,2-Dichlorobenzene	14.106	146	153082	18.769	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	14.718	75	26430	18.218	ug/l	89
93) 1,2,4-Trichlorobenzene	15.394	180	74869	18.959	ug/l	98
94) Hexachlorobutadiene	15.500	225	37641	17.921	ug/l	96
95) Naphthalene	15.641	128	292400	18.973	ug/l	98
96) 1,2,3-Trichlorobenzene	15.841	180	79663	18.460	ug/l	96

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

