

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120922\
 Data File : VN075665.D
 Acq On : 09 Dec 2022 13:21
 Operator : JC\MD
 Sample : VSTDICC010
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC010

Quant Time: Dec 09 14:01:54 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N120922W.M
 Quant Title : SW846 8260
 QLast Update : Fri Dec 09 13:25:23 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 12/12/2022
 Supervised By : Mahesh Dadoda 12/12/2022

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	216236	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	348896	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	310474	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	150091	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	22752	19.602	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	39.200%#		
35) Dibromofluoromethane	8.171	113	20938	15.277	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	30.560%#		
50) Toluene-d8	10.571	98	77669	25.161	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	50.320%#		
62) 4-Bromofluorobenzene	12.853	95	25163	11.044	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	22.080%#		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.136	85	15659	9.470	ug/l	99
3) Chloromethane	2.371	50	17918	8.709	ug/l	94
4) Vinyl Chloride	2.524	62	23054	8.891	ug/l	98
5) Bromomethane	2.953	94	19448	8.529	ug/l	99
6) Chloroethane	3.124	64	17626	8.971	ug/l	99
7) Trichlorofluoromethane	3.506	101	33375	9.010	ug/l	94
8) Diethyl Ether	3.971	74	12332	9.499	ug/l	93
9) 1,1,2-Trichlorotrifluo...	4.394	101	19738	9.652	ug/l	91
10) Methyl Iodide	4.594	142	31624	9.544	ug/l #	91
11) Tert butyl alcohol	5.541	59	16295	33.442	ug/l	98
12) 1,1-Dichloroethene	4.359	96	18397	9.187	ug/l	91
13) Acrolein	4.189	56	18763	44.202	ug/l	100
14) Allyl chloride	5.047	41	22539m	8.702	ug/l	
15) Acrylonitrile	5.736	53	42918	38.391	ug/l	98
16) Acetone	4.436	43	40753	37.641	ug/l	97
17) Carbon Disulfide	4.724	76	46016	8.842	ug/l	100
18) Methyl Acetate	5.036	43	23261	7.258	ug/l	97
19) Methyl tert-butyl Ether	5.812	73	62017	8.743	ug/l #	91
20) Methylene Chloride	5.289	84	22305	8.793	ug/l	87
21) trans-1,2-Dichloroethene	5.794	96	20339	8.912	ug/l	94
22) Diisopropyl ether	6.683	45	51669	8.741	ug/l	97
23) Vinyl Acetate	6.612	43	195503m	41.575	ug/l	
24) 1,1-Dichloroethane	6.583	63	34497	9.092	ug/l	98
25) 2-Butanone	7.488	43	56246	37.211	ug/l	98
26) 2,2-Dichloropropane	7.500	77	28584	8.106	ug/l	96
27) cis-1,2-Dichloroethene	7.488	96	24671	9.561	ug/l	92
28) Bromochloromethane	7.818	49	13893	9.021	ug/l #	79
29) Tetrahydrofuran	7.847	42	34631	37.666	ug/l	99
30) Chloroform	7.971	83	38033	8.729	ug/l	94
31) Cyclohexane	8.265	56	34543	9.367	ug/l	92
32) 1,1,1-Trichloroethane	8.177	97	34645	8.758	ug/l	96
36) 1,1-Dichloropropene	8.377	75	27573	9.225	ug/l	97
37) Ethyl Acetate	7.565	43	21428	7.962	ug/l	97
38) Carbon Tetrachloride	8.371	117	31437	9.575	ug/l	93
39) Methylcyclohexane	9.606	83	34343	9.181	ug/l	97
40) Benzene	8.606	78	85817	9.378	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.788	41	11592	8.425	ug/l	97
42) 1,2-Dichloroethane	8.677	62	28035	9.147	ug/l	95
43) Isopropyl Acetate	8.688	43	36575	8.467	ug/l	97
44) Trichloroethene	9.359	130	24359	9.728	ug/l	93
45) 1,2-Dichloropropane	9.624	63	20003	9.172	ug/l	89
46) Dibromomethane	9.712	93	15303	9.277	ug/l #	87
47) Bromodichloromethane	9.894	83	29397	9.203	ug/l #	90
48) Methyl methacrylate	9.682	41	17723	8.873	ug/l	94
49) 1,4-Dioxane	9.700	88	8323	146.739	ug/l #	86
51) 4-Methyl-2-Pentanone	10.447	43	112769	40.986	ug/l	99
52) Toluene	10.629	92	55023	9.331	ug/l	98
53) t-1,3-Dichloropropene	10.841	75	28338	8.837	ug/l	97
54) cis-1,3-Dichloropropene	10.318	75	31379	9.009	ug/l	98
55) 1,1,2-Trichloroethane	11.018	97	22471	9.356	ug/l	95
56) Ethyl methacrylate	10.876	69	28493	8.784	ug/l	97
57) 1,3-Dichloropropane	11.165	76	35325	9.020	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.159	63	42720	36.518	ug/l	95
59) 2-Hexanone	11.200	43	81703	39.545	ug/l	98
60) Dibromochloromethane	11.359	129	24091	9.772	ug/l	100
61) 1,2-Dibromoethane	11.476	107	22395	8.983	ug/l	99
64) Tetrachloroethene	11.106	164	22132	9.335	ug/l	82
65) Chlorobenzene	11.894	112	61442	9.583	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.965	131	22457	9.384	ug/l	99
67) Ethyl Benzene	11.965	91	103680	9.478	ug/l	94
68) m/p-Xylenes	12.076	106	85805	19.316	ug/l	98
69) o-Xylene	12.400	106	41987	9.513	ug/l	96
70) Styrene	12.412	104	66633	9.570	ug/l	97
71) Bromoform	12.582	173	16857	9.255	ug/l #	99
73) Isopropylbenzene	12.700	105	106414	9.704	ug/l	96
74) N-amyl acetate	12.500	43	29007	8.604	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.941	83	31525	9.430	ug/l	98
76) 1,2,3-Trichloropropane	13.000	75	29870m	10.526	ug/l	
77) Bromobenzene	12.982	156	26288	9.711	ug/l	82
78) n-propylbenzene	13.041	91	115171	9.411	ug/l	98
79) 2-Chlorotoluene	13.129	91	72467	9.828	ug/l	96
80) 1,3,5-Trimethylbenzene	13.176	105	89725	9.849	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.735	75	7009m	7.308	ug/l	
82) 4-Chlorotoluene	13.129	91	72467	9.828	ug/l	96
83) tert-Butylbenzene	13.441	119	80822	9.730	ug/l	96
84) 1,2,4-Trimethylbenzene	13.482	105	88659	9.702	ug/l	97
85) sec-Butylbenzene	13.617	105	110141	9.772	ug/l	99
86) p-Isopropyltoluene	13.735	119	90380	9.531	ug/l	98
87) 1,3-Dichlorobenzene	13.735	146	48406	9.437	ug/l	96
88) 1,4-Dichlorobenzene	13.812	146	47393	9.096	ug/l	96
89) n-Butylbenzene	14.059	91	69806	8.716	ug/l	98
90) Hexachloroethane	14.335	117	15710	9.603	ug/l	85
91) 1,2-Dichlorobenzene	14.106	146	47921	9.585	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.717	75	4938	7.797	ug/l	81
93) 1,2,4-Trichlorobenzene	15.394	180	21066	8.222	ug/l	96
94) Hexachlorobutadiene	15.506	225	13023	9.758	ug/l	97
95) Naphthalene	15.647	128	61977	7.689	ug/l	99
96) 1,2,3-Trichlorobenzene	15.847	180	21353	8.479	ug/l	97

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

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