

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN102622\
 Data File : VN075017.D
 Acq On : 26 Oct 2022 11:25
 Operator : JC\MD
 Sample : VSTDICC010
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC010

Quant Time: Oct 27 06:07:42 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N102622W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 27 06:06:29 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 10/27/2022
 Supervised By : Mahesh Dadoda 10/31/2022

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	98120	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	178366	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	161127	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	68988	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	13641	10.318	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	20.640%#		
35) Dibromofluoromethane	8.177	113	10892	10.402	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	20.800%#		
50) Toluene-d8	10.571	98	40706	10.020	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	20.040%#		
62) 4-Bromofluorobenzene	12.847	95	12714	8.909	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	17.820%#		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.136	85	13268	10.395	ug/l	97
3) Chloromethane	2.377	50	15281	11.271	ug/l	99
4) Vinyl Chloride	2.524	62	20794	10.751	ug/l	91
5) Bromomethane	2.936	94	17159	10.825	ug/l	97
6) Chloroethane	3.106	64	15293	11.026	ug/l #	88
7) Trichlorofluoromethane	3.501	101	20952	10.604	ug/l	91
8) Diethyl Ether	3.977	74	7727	10.722	ug/l	98
9) 1,1,2-Trichlorotrifluo...	4.383	101	11474	10.515	ug/l	100
10) Methyl Iodide	4.600	142	16693	10.276	ug/l	95
11) Tert butyl alcohol	5.542	59	15644	50.742	ug/l #	88
12) 1,1-Dichloroethene	4.353	96	10631	10.221	ug/l #	93
13) Acrolein	4.200	56	12023	47.677	ug/l	96
14) Allyl chloride	5.042	41	16014	10.542	ug/l	96
15) Acrylonitrile	5.736	53	32055	49.219	ug/l	99
16) Acetone	4.448	43	29550	52.788	ug/l	95
17) Carbon Disulfide	4.724	76	26153	9.999	ug/l	100
18) Methyl Acetate	5.048	43	18833	10.300	ug/l	99
19) Methyl tert-butyl Ether	5.818	73	38214	9.885	ug/l	97
20) Methylene Chloride	5.277	84	13117	10.509	ug/l	91
21) trans-1,2-Dichloroethene	5.800	96	11467	10.069	ug/l	93
22) Diisopropyl ether	6.683	45	34093	10.170	ug/l	93
23) Vinyl Acetate	6.618	43	137705	52.883	ug/l	100
24) 1,1-Dichloroethane	6.577	63	21593	10.184	ug/l	93
25) 2-Butanone	7.494	43	44031	50.007	ug/l	91
26) 2,2-Dichloropropane	7.500	77	19295	9.892	ug/l	97
27) cis-1,2-Dichloroethene	7.494	96	14084	10.356	ug/l	95
28) Bromochloromethane	7.818	49	9640	10.786	ug/l #	92
29) Tetrahydrofuran	7.847	42	27891	49.021	ug/l	97
30) Chloroform	7.977	83	22644	9.837	ug/l	95
31) Cyclohexane	8.265	56	20704	10.530	ug/l	98
32) 1,1,1-Trichloroethane	8.171	97	20131	9.630	ug/l	98
36) 1,1-Dichloropropene	8.377	75	15983	9.859	ug/l	100
37) Ethyl Acetate	7.571	43	17713	9.963	ug/l	96
38) Carbon Tetrachloride	8.365	117	17244	9.670	ug/l	94
39) Methylcyclohexane	9.606	83	20724	9.684	ug/l	94
40) Benzene	8.612	78	48880	9.848	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.789	41	8363	9.819	ug/l	95
42) 1,2-Dichloroethane	8.677	62	18612	10.307	ug/l	98
43) Isopropyl Acetate	8.694	43	26598	9.645	ug/l	99
44) Trichloroethene	9.353	130	12179	9.780	ug/l	99
45) 1,2-Dichloropropane	9.624	63	11951	10.117	ug/l	99
46) Dibromomethane	9.712	93	8997	9.776	ug/l	97
47) Bromodichloromethane	9.888	83	17437	9.784	ug/l	98
48) Methyl methacrylate	9.682	41	13268	10.489	ug/l	93
49) 1,4-Dioxane	9.700	88	6165	186.115	ug/l #	88
51) 4-Methyl-2-Pentanone	10.447	43	88196	49.562	ug/l	97
52) Toluene	10.635	92	31325	9.441	ug/l	93
53) t-1,3-Dichloropropene	10.835	75	17155	9.120	ug/l	92
54) cis-1,3-Dichloropropene	10.318	75	18680	9.363	ug/l	92
55) 1,1,2-Trichloroethane	11.018	97	12795	9.726	ug/l	92
56) Ethyl methacrylate	10.877	69	19359	9.647	ug/l	97
57) 1,3-Dichloropropane	11.165	76	21676	9.894	ug/l	98
58) 2-Chloroethyl Vinyl ether	10.165	63	38610	49.767	ug/l	95
59) 2-Hexanone	11.200	43	65600	48.571	ug/l	98
60) Dibromochloromethane	11.359	129	12658	9.119	ug/l	97
61) 1,2-Dibromoethane	11.471	107	12127	8.995	ug/l	91
64) Tetrachloroethene	11.106	164	9971	10.094	ug/l	85
65) Chlorobenzene	11.894	112	33815	9.832	ug/l	93
66) 1,1,1,2-Tetrachloroethane	11.965	131	12315	9.653	ug/l	96
67) Ethyl Benzene	11.965	91	60750	9.818	ug/l	98
68) m/p-Xylenes	12.076	106	45775	18.437	ug/l	96
69) o-Xylene	12.400	106	23413	9.535	ug/l	98
70) Styrene	12.412	104	35130	8.973	ug/l	98
71) Bromoform	12.582	173	8231	8.617	ug/l #	100
73) Isopropylbenzene	12.700	105	58904	10.635	ug/l	100
74) N-amyl acetate	12.494	43	22465	10.967	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.941	83	19795	10.957	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	15576m	9.543	ug/l	
77) Bromobenzene	12.982	156	13225	10.845	ug/l	97
78) n-propylbenzene	13.035	91	64738	10.411	ug/l	98
79) 2-Chlorotoluene	13.129	91	39992	10.525	ug/l	98
80) 1,3,5-Trimethylbenzene	13.176	105	47803	10.276	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.741	75	5247	9.195	ug/l	93
82) 4-Chlorotoluene	13.129	91	39992	10.525	ug/l	98
83) tert-Butylbenzene	13.441	119	43141	10.437	ug/l	100
84) 1,2,4-Trimethylbenzene	13.482	105	47512	10.095	ug/l	99
85) sec-Butylbenzene	13.618	105	59307	10.256	ug/l	97
86) p-Isopropyltoluene	13.729	119	46678	9.774	ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	23945	10.028	ug/l	98
88) 1,4-Dichlorobenzene	13.812	146	23456	9.926	ug/l	97
89) n-Butylbenzene	14.059	91	36891	9.593	ug/l	99
90) Hexachloroethane	14.335	117	8899	10.163	ug/l	95
91) 1,2-Dichlorobenzene	14.106	146	24187	10.189	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	14.723	75	3897	10.431	ug/l	91
93) 1,2,4-Trichlorobenzene	15.394	180	9990	9.780	ug/l	94
94) Hexachlorobutadiene	15.506	225	5019	10.079	ug/l	96
95) Naphthalene	15.647	128	37703	9.598	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	10261	10.110	ug/l	97

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

