

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120222\
 Data File : VN075523.D
 Acq On : 02 Dec 2022 11:23
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Quant Time: Dec 03 00:23:29 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N112122W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 23 00:18:03 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 12/05/2022
 Supervised By : Mahesh Dadoda 12/05/2022

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	135682	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	220451	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	212209	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	107109	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	38158	52.392	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 104.780%			
35) Dibromofluoromethane	8.171	113	48020	55.450	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 110.900%			
50) Toluene-d8	10.571	98	101625	52.102	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 104.200%			
62) 4-Bromofluorobenzene	12.853	95	80369	55.825	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 111.640%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.136	85	53630	51.691	ug/l	98
3) Chloromethane	2.371	50	65691	50.885	ug/l	95
4) Vinyl Chloride	2.524	62	79032	48.575	ug/l	92
5) Bromomethane	2.942	94	80375	56.178	ug/l	99
6) Chloroethane	3.118	64	61055	49.525	ug/l	95
7) Trichlorofluoromethane	3.500	101	115679	49.769	ug/l	100
8) Diethyl Ether	3.965	74	46082	56.567	ug/l	95
9) 1,1,2-Trichlorotrifluo...	4.383	101	67474	52.585	ug/l	94
10) Methyl Iodide	4.595	142	115588	55.592	ug/l	96
11) Tert butyl alcohol	5.530	59	63856	208.856	ug/l	98
12) 1,1-Dichloroethene	4.348	96	64205	51.099	ug/l	91
13) Acrolein	4.189	56	67951	255.119	ug/l	96
14) Allyl chloride	5.036	41	87156m	53.625	ug/l	
15) Acrylonitrile	5.736	53	185967	265.116	ug/l	98
16) Acetone	4.436	43	164315	241.872	ug/l	95
17) Carbon Disulfide	4.724	76	159469	48.836	ug/l	99
18) Methyl Acetate	5.030	43	95275	55.780	ug/l	95
19) Methyl tert-butyl Ether	5.800	73	242852	54.560	ug/l	97
20) Methylene Chloride	5.283	84	80042	58.315	ug/l	89
21) trans-1,2-Dichloroethene	5.794	96	73007	50.984	ug/l	93
22) Diisopropyl ether	6.677	45	203544	54.880	ug/l	99
23) Vinyl Acetate	6.606	43	740377	250.919	ug/l	100
24) 1,1-Dichloroethane	6.577	63	129615	54.445	ug/l	98
25) 2-Butanone	7.488	43	236776	249.644	ug/l	98
26) 2,2-Dichloropropane	7.494	77	110853	50.103	ug/l	97
27) cis-1,2-Dichloroethene	7.494	96	91873	56.741	ug/l	92
28) Bromochloromethane	7.824	49	49260	50.976	ug/l	83
29) Tetrahydrofuran	7.841	42	152822	264.896	ug/l	97
30) Chloroform	7.971	83	145788	53.327	ug/l	98
31) Cyclohexane	8.259	56	108198	46.758	ug/l	99
32) 1,1,1-Trichloroethane	8.171	97	129564	52.196	ug/l	96
36) 1,1-Dichloropropene	8.377	75	100104	53.006	ug/l	97
37) Ethyl Acetate	7.565	43	94512	55.579	ug/l	99
38) Carbon Tetrachloride	8.365	117	115817	55.826	ug/l	98
39) Methylcyclohexane	9.600	83	126937	53.705	ug/l	99
40) Benzene	8.612	78	322898	55.844	ug/l	99

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41) Methacrylonitrile	7.788	41	47509	54.646	ug/l	92
42) 1,2-Dichloroethane	8.677	62	111486	57.570	ug/l	95
43) Isopropyl Acetate	8.694	43	155058	56.808	ug/l	97
44) Trichloroethene	9.353	130	85500	54.040	ug/l	95
45) 1,2-Dichloropropane	9.624	63	76800	55.736	ug/l	97
46) Dibromomethane	9.706	93	60863	58.397	ug/l	91
47) Bromodichloromethane	9.888	83	116271	57.608	ug/l	98
48) Methyl methacrylate	9.682	41	71689	56.801	ug/l	96
49) 1,4-Dioxane	9.694	88	37873	1056.768	ug/l	96
51) 4-Methyl-2-Pentanone	10.447	43	491427	282.674	ug/l	97
52) Toluene	10.629	92	216552	58.118	ug/l	98
53) t-1,3-Dichloropropene	10.835	75	123043	60.725	ug/l	98
54) cis-1,3-Dichloropropene	10.318	75	132481	60.199	ug/l	96
55) 1,1,2-Trichloroethane	11.018	97	89204	58.779	ug/l	95
56) Ethyl methacrylate	10.876	69	124635	60.812	ug/l	97
57) 1,3-Dichloropropane	11.165	76	143159	57.853	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.159	63	206021	278.722	ug/l	97
59) 2-Hexanone	11.200	43	362380	277.592	ug/l	97
60) Dibromochloromethane	11.359	129	100551	64.549	ug/l	99
61) 1,2-Dibromoethane	11.471	107	93715	59.495	ug/l	99
64) Tetrachloroethene	11.106	164	79018	48.760	ug/l	91
65) Chlorobenzene	11.894	112	236452	53.954	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.965	131	92292	56.426	ug/l	98
67) Ethyl Benzene	11.965	91	414329	55.416	ug/l	97
68) m/p-Xylenes	12.071	106	340159	112.034	ug/l	98
69) o-Xylene	12.400	106	166350	55.143	ug/l	98
70) Styrene	12.412	104	278413	58.504	ug/l	98
71) Bromoform	12.582	173	74032	59.470	ug/l #	99
73) Isopropylbenzene	12.700	105	419105	53.557	ug/l	98
74) N-amyl acetate	12.494	43	134842	56.049	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.941	83	132685	55.615	ug/l	98
76) 1,2,3-Trichloropropane	12.994	75	112845m	55.722	ug/l	
77) Bromobenzene	12.982	156	106547	55.151	ug/l	85
78) n-propylbenzene	13.035	91	476494	54.562	ug/l	99
79) 2-Chlorotoluene	13.123	91	294588	55.985	ug/l	97
80) 1,3,5-Trimethylbenzene	13.176	105	366484	56.370	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.735	75	40886	59.735	ug/l	99
82) 4-Chlorotoluene	13.123	91	294588	55.985	ug/l	97
83) tert-Butylbenzene	13.441	119	318304	53.698	ug/l	97
84) 1,2,4-Trimethylbenzene	13.482	105	373687	57.303	ug/l	97
85) sec-Butylbenzene	13.617	105	440700	54.793	ug/l	98
86) p-Isopropyltoluene	13.729	119	387868	57.317	ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	203955	55.720	ug/l	97
88) 1,4-Dichlorobenzene	13.812	146	204382	54.967	ug/l	98
89) n-Butylbenzene	14.059	91	308726	54.016	ug/l	99
90) Hexachloroethane	14.335	117	66828	57.245	ug/l	82
91) 1,2-Dichlorobenzene	14.106	146	202066	56.633	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.723	75	24555	54.333	ug/l	78
93) 1,2,4-Trichlorobenzene	15.394	180	104487	57.145	ug/l	99
94) Hexachlorobutadiene	15.500	225	51130	53.685	ug/l	97
95) Naphthalene	15.641	128	315048	54.769	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	99798	55.533	ug/l	97

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

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