

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN112923\
 Data File : VN080310.D
 Acq On : 29 Nov 2023 16:51
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 11/30/2023
 Supervised By : Mahesh Dadoda 11/30/2023

Quant Time: Nov 30 04:46:47 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N111623W.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 17 01:19:32 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	245680	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	376720	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	340986	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	166836	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	196908	48.541	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	97.080%		
35) Dibromofluoromethane	8.165	113	145558	52.365	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	104.720%		
50) Toluene-d8	10.565	98	514323	51.328	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	102.660%		
62) 4-Bromofluorobenzene	12.847	95	192228	50.789	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	101.580%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.124	85	158767	43.384	ug/l	99
3) Chloromethane	2.365	50	120537	43.809	ug/l	96
4) Vinyl Chloride	2.512	62	133246	45.762	ug/l	93
5) Bromomethane	2.948	94	84926	42.965	ug/l	99
6) Chloroethane	3.118	64	82881	45.837	ug/l	96
7) Trichlorofluoromethane	3.500	101	274448	45.184	ug/l	97
8) Diethyl Ether	3.953	74	79639	45.084	ug/l	90
9) 1,1,2-Trichlorotrifluo...	4.371	101	125532	45.217	ug/l	93
10) Methyl Iodide	4.594	142	146684	48.890	ug/l #	88
11) Tert butyl alcohol	5.512	59	92884	208.215	ug/l	99
12) 1,1-Dichloroethene	4.336	96	119983	46.207	ug/l	88
13) Acrolein	4.171	56	113718	288.048	ug/l	97
14) Allyl chloride	5.018	41	150443	46.050	ug/l	94
15) Acrylonitrile	5.712	53	255097	213.014	ug/l	99
16) Acetone	4.418	43	236041	173.241	ug/l	97
17) Carbon Disulfide	4.712	76	302363	38.998	ug/l	97
18) Methyl Acetate	5.018	43	185248	42.316	ug/l	96
19) Methyl tert-butyl Ether	5.789	73	438577	47.827	ug/l	99
20) Methylene Chloride	5.271	84	138765	48.633	ug/l	92
21) trans-1,2-Dichloroethene	5.783	96	131230	46.003	ug/l #	80
22) Diisopropyl ether	6.671	45	347029	48.012	ug/l	96
23) Vinyl Acetate	6.600	43	938455	215.965	ug/l	93
24) 1,1-Dichloroethane	6.565	63	243442	46.243	ug/l	99
25) 2-Butanone	7.477	43	297785	183.953	ug/l	93
26) 2,2-Dichloropropane	7.494	77	244333	46.780	ug/l	98
27) cis-1,2-Dichloroethene	7.482	96	152047	47.012	ug/l	86
28) Bromochloromethane	7.812	49	97716	47.214	ug/l	100
29) Tetrahydrofuran	7.835	42	176597	203.195	ug/l	95
30) Chloroform	7.965	83	279728	47.540	ug/l	93
31) Cyclohexane	8.253	56	175250	39.725	ug/l	95
32) 1,1,1-Trichloroethane	8.165	97	274445	47.827	ug/l	100
36) 1,1-Dichloropropene	8.371	75	195823	48.658	ug/l	95
37) Ethyl Acetate	7.559	43	116666	41.793	ug/l	98
38) Carbon Tetrachloride	8.359	117	246693	48.304	ug/l	99
39) Methylcyclohexane	9.600	83	182065	46.919	ug/l	91
40) Benzene	8.606	78	543380	47.507	ug/l	99

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41) Methacrylonitrile	7.777	41	73527	47.962	ug/l	92
42) 1,2-Dichloroethane	8.671	62	228072	48.738	ug/l	95
43) Isopropyl Acetate	8.688	43	211014	38.845	ug/l	97
44) Trichloroethene	9.353	130	149481	49.822	ug/l	97
45) 1,2-Dichloropropane	9.618	63	128100	48.193	ug/l	94
46) Dibromomethane	9.706	93	96293	47.857	ug/l	90
47) Bromodichloromethane	9.888	83	225575	50.965	ug/l	97
48) Methyl methacrylate	9.682	41	128718	45.980	ug/l	94
49) 1,4-Dioxane	9.694	88	38886	834.970	ug/l #	84
51) 4-Methyl-2-Pentanone	10.447	43	609837	216.840	ug/l	99
52) Toluene	10.629	92	355665	49.687	ug/l	100
53) t-1,3-Dichloropropene	10.835	75	227132	49.947	ug/l	99
54) cis-1,3-Dichloropropene	10.312	75	239446	51.539	ug/l	93
55) 1,1,2-Trichloroethane	11.018	97	132084	48.346	ug/l	98
56) Ethyl methacrylate	10.876	69	138506	49.626	ug/l	93
57) 1,3-Dichloropropane	11.165	76	231596	48.553	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.159	63	359906	228.893	ug/l	99
59) 2-Hexanone	11.194	43	444172	196.544	ug/l	99
60) Dibromochloromethane	11.359	129	168086	51.389	ug/l	99
61) 1,2-Dibromoethane	11.465	107	131694	47.250	ug/l	98
64) Tetrachloroethene	11.106	164	149100	57.296	ug/l	98
65) Chlorobenzene	11.888	112	365864	47.352	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.959	131	154539	51.541	ug/l	94
67) Ethyl Benzene	11.965	91	682491	49.640	ug/l	97
68) m/p-Xylenes	12.070	106	505974	100.934	ug/l	87
69) o-Xylene	12.400	106	244308	51.713	ug/l	88
70) Styrene	12.412	104	367427	52.254	ug/l	93
71) Bromoform	12.576	173	110481	49.687	ug/l #	99
73) Isopropylbenzene	12.694	105	653920	50.440	ug/l	99
74) N-amyl acetate	12.494	43	169087	41.823	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.935	83	156871	40.429	ug/l	96
76) 1,2,3-Trichloropropane	12.994	75	173044m	42.332	ug/l	
77) Bromobenzene	12.982	156	158435	48.472	ug/l	94
78) n-propylbenzene	13.035	91	733967	50.628	ug/l	99
79) 2-Chlorotoluene	13.123	91	471432	50.068	ug/l	98
80) 1,3,5-Trimethylbenzene	13.170	105	561956	49.795	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.735	75	51808	42.820	ug/l #	76
82) 4-Chlorotoluene	13.223	91	472383	48.972	ug/l	96
83) tert-Butylbenzene	13.441	119	452244	49.971	ug/l	95
84) 1,2,4-Trimethylbenzene	13.482	105	566005	50.934	ug/l	97
85) sec-Butylbenzene	13.617	105	587742	51.337	ug/l	100
86) p-Isopropyltoluene	13.729	119	535403	52.351	ug/l	98
87) 1,3-Dichlorobenzene	13.735	146	280403	47.615	ug/l	99
88) 1,4-Dichlorobenzene	13.812	146	277413	46.875	ug/l	98
89) n-Butylbenzene	14.059	91	438231	51.195	ug/l	100
90) Hexachloroethane	14.335	117	93823	47.058	ug/l	72
91) 1,2-Dichlorobenzene	14.106	146	264524	46.940	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.717	75	34334	38.095	ug/l	96
93) 1,2,4-Trichlorobenzene	15.394	180	143925	43.912	ug/l	97
94) Hexachlorobutadiene	15.500	225	83871	44.467	ug/l	98
95) Naphthalene	15.641	128	364477	38.349	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	137662	44.810	ug/l	99

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

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