

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN070324\
 Data File : VN082810.D
 Acq On : 03 Jul 2024 18:05
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 07/05/2024
 Supervised By : Mahesh Dadoda 07/05/2024

Quant Time: Jul 04 00:03:02 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N062724W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 28 06:02:21 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	140027	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	244889	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	223050	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	106962	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	99595	46.121	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	92.240%		
35) Dibromofluoromethane	8.171	113	78211	48.508	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	97.020%		
50) Toluene-d8	10.571	98	286732	47.553	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	95.100%		
62) 4-Bromofluorobenzene	12.853	95	109711	52.982	ug/l	0.00
Spiked Amount 50.000	Range 64 - 133		Recovery =	105.960%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.124	85	99958	46.762	ug/l	99
3) Chloromethane	2.359	50	88902	39.736	ug/l	96
4) Vinyl Chloride	2.512	62	99078	41.792	ug/l	99
5) Bromomethane	2.942	94	62739	37.198	ug/l	94
6) Chloroethane	3.112	64	68891	41.199	ug/l	97
7) Trichlorofluoromethane	3.489	101	152417	51.866	ug/l	97
8) Diethyl Ether	3.959	74	52074	56.659	ug/l	82
9) 1,1,2-Trichlorotrifluo...	4.365	101	84222	50.236	ug/l	99
10) Methyl Iodide	4.589	142	95648	62.220	ug/l	94
11) Tert butyl alcohol	5.530	59	94203	273.109	ug/l	99
12) 1,1-Dichloroethene	4.342	96	79697	50.961	ug/l	91
13) Acrolein	4.183	56	56571	269.602	ug/l	97
14) Allyl chloride	5.024	41	130743	55.642	ug/l	92
15) Acrylonitrile	5.718	53	221698	241.627	ug/l	99
16) Acetone	4.430	43	191085	233.556	ug/l	97
17) Carbon Disulfide	4.712	76	198329	38.721	ug/l	98
18) Methyl Acetate	5.024	43	103141	47.421	ug/l #	90
19) Methyl tert-butyl Ether	5.800	73	293398	56.584	ug/l	97
20) Methylene Chloride	5.277	84	90520	43.724	ug/l #	83
21) trans-1,2-Dichloroethene	5.783	96	83362	49.398	ug/l	88
22) Diisopropyl ether	6.671	45	282916	51.753	ug/l #	94
23) Vinyl Acetate	6.606	43	1134887	260.013	ug/l #	94
24) 1,1-Dichloroethane	6.571	63	165118	49.752	ug/l	99
25) 2-Butanone	7.489	43	301759	241.415	ug/l	91
26) 2,2-Dichloropropane	7.494	77	120856	56.759	ug/l	95
27) cis-1,2-Dichloroethene	7.489	96	103574	52.163	ug/l	88
28) Bromochloromethane	7.818	49	59672	41.108	ug/l #	81
29) Tetrahydrofuran	7.841	42	196794	244.158	ug/l #	83
30) Chloroform	7.965	83	176030	49.751	ug/l	100
31) Cyclohexane	8.259	56	134088	44.070	ug/l	94
32) 1,1,1-Trichloroethane	8.171	97	162376	51.978	ug/l	97
36) 1,1-Dichloropropene	8.371	75	118638	51.193	ug/l	97
37) Ethyl Acetate	7.565	43	124015	49.512	ug/l #	95
38) Carbon Tetrachloride	8.365	117	143789	53.050	ug/l	99
39) Methylcyclohexane	9.600	83	127272	52.895	ug/l	92
40) Benzene	8.606	78	370236	48.699	ug/l	98

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41) Methacrylonitrile	7.777	41	66168	51.233	ug/l	92
42) 1,2-Dichloroethane	8.677	62	135544	49.649	ug/l	97
43) Isopropyl Acetate	8.688	43	259652	59.051	ug/l	98
44) Trichloroethene	9.353	130	90334	51.177	ug/l	100
45) 1,2-Dichloropropane	9.624	63	91652	49.742	ug/l	97
46) Dibromomethane	9.712	93	68688	51.036	ug/l	97
47) Bromodichloromethane	9.888	83	142180	51.845	ug/l	99
48) Methyl methacrylate	9.683	41	101513	52.663	ug/l #	86
49) 1,4-Dioxane	9.694	88	42259	1098.512	ug/l #	92
51) 4-Methyl-2-Pentanone	10.447	43	652114	254.542	ug/l	93
52) Toluene	10.630	92	240411	53.853	ug/l	98
53) t-1,3-Dichloropropene	10.835	75	148021	57.068	ug/l	98
54) cis-1,3-Dichloropropene	10.312	75	151552	55.575	ug/l	91
55) 1,1,2-Trichloroethane	11.018	97	92182	53.252	ug/l	95
56) Ethyl methacrylate	10.877	69	155135	59.587	ug/l	86
57) 1,3-Dichloropropane	11.165	76	157427	51.740	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.165	63	304862	232.429	ug/l	95
59) 2-Hexanone	11.200	43	493476	259.778	ug/l	92
60) Dibromochloromethane	11.359	129	115242	54.893	ug/l	99
61) 1,2-Dibromoethane	11.471	107	95347	52.423	ug/l	98
64) Tetrachloroethene	11.106	164	78472	46.964	ug/l	99
65) Chlorobenzene	11.894	112	269919	53.946	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.965	131	95420	54.877	ug/l	99
67) Ethyl Benzene	11.965	91	465529	56.377	ug/l	98
68) m/p-Xylenes	12.071	106	357076	116.219	ug/l	98
69) o-Xylene	12.400	106	176713	59.680	ug/l	94
70) Styrene	12.412	104	301896	60.056	ug/l	98
71) Bromoform	12.582	173	80668	59.321	ug/l #	100
73) Isopropylbenzene	12.694	105	445269	57.079	ug/l	99
74) N-amyl acetate	12.494	43	202762	58.235	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.941	83	133334	48.716	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	121127m	51.917	ug/l	
77) Bromobenzene	12.982	156	111598	57.566	ug/l	93
78) n-propylbenzene	13.035	91	509877	55.355	ug/l	98
79) 2-Chlorotoluene	13.123	91	316040	54.747	ug/l	99
80) 1,3,5-Trimethylbenzene	13.176	105	370411	57.803	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.735	75	49962	55.847	ug/l	93
82) 4-Chlorotoluene	13.223	91	310829	54.566	ug/l	97
83) tert-Butylbenzene	13.441	119	321297	59.579	ug/l	94
84) 1,2,4-Trimethylbenzene	13.482	105	374106	59.065	ug/l	99
85) sec-Butylbenzene	13.618	105	430707	57.000	ug/l	98
86) p-Isopropyltoluene	13.729	119	364823	60.260	ug/l	100
87) 1,3-Dichlorobenzene	13.735	146	198040	53.349	ug/l	100
88) 1,4-Dichlorobenzene	13.812	146	195910	50.705	ug/l	99
89) n-Butylbenzene	14.059	91	298907	55.756	ug/l	99
90) Hexachloroethane	14.335	117	73049	54.341	ug/l	97
91) 1,2-Dichlorobenzene	14.106	146	189935	53.874	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.723	75	28381	55.039	ug/l	86
93) 1,2,4-Trichlorobenzene	15.394	180	102143	59.347	ug/l	99
94) Hexachlorobutadiene	15.500	225	39997	51.376	ug/l	97
95) Naphthalene	15.641	128	365556	63.949	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	101597	55.353	ug/l	99

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

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