

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN071224\
 Data File : VN082913.D
 Acq On : 12 Jul 2024 20:43
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 07/15/2024
 Supervised By : Mahesh Dadoda 07/15/2024

Quant Time: Jul 15 01:21:04 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N070824W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 08 13:46:04 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	124588	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	222461	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	209020	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	97525	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	99747	57.113	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 114.220%			
35) Dibromofluoromethane	8.165	113	77357	54.191	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 108.380%			
50) Toluene-d8	10.571	98	293819	55.728	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 111.460%			
62) 4-Bromofluorobenzene	12.847	95	104261	55.052	ug/l	0.00
Spiked Amount 50.000	Range 64 - 133		Recovery = 110.100%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.124	85	83294	51.640	ug/l	99
3) Chloromethane	2.359	50	73365	47.961	ug/l	98
4) Vinyl Chloride	2.512	62	81324	50.621	ug/l	98
5) Bromomethane	2.936	94	47661	41.147	ug/l	100
6) Chloroethane	3.106	64	57556	52.353	ug/l	99
7) Trichlorofluoromethane	3.489	101	108328	46.882	ug/l	96
8) Diethyl Ether	3.959	74	38961	49.268	ug/l	82
9) 1,1,2-Trichlorotrifluo...	4.365	101	68202	52.151	ug/l	99
10) Methyl Iodide	4.589	142	68636	51.191	ug/l	96
11) Tert butyl alcohol	5.524	59	75808	258.073	ug/l	99
12) 1,1-Dichloroethene	4.336	96	65441	51.454	ug/l	89
13) Acrolein	4.177	56	66132	311.830	ug/l	99
14) Allyl chloride	5.018	41	110264	55.603	ug/l	89
15) Acrylonitrile	5.724	53	192717	285.475	ug/l	99
16) Acetone	4.430	43	161928	263.346	ug/l	94
17) Carbon Disulfide	4.712	76	179392	47.203	ug/l	100
18) Methyl Acetate	5.024	43	94434	58.040	ug/l	92
19) Methyl tert-butyl Ether	5.794	73	234190	53.380	ug/l	98
20) Methylene Chloride	5.277	84	76713	51.660	ug/l #	82
21) trans-1,2-Dichloroethene	5.783	96	70080	50.853	ug/l	90
22) Diisopropyl ether	6.671	45	243125	58.603	ug/l	98
23) Vinyl Acetate	6.606	43	981937	298.041	ug/l #	94
24) 1,1-Dichloroethane	6.571	63	139233	55.328	ug/l	97
25) 2-Butanone	7.482	43	261944	282.131	ug/l	93
26) 2,2-Dichloropropane	7.488	77	100699	43.038	ug/l	94
27) cis-1,2-Dichloroethene	7.488	96	87303	54.112	ug/l	87
28) Bromochloromethane	7.812	49	56617	52.444	ug/l	85
29) Tetrahydrofuran	7.841	42	170758	292.140	ug/l #	86
30) Chloroform	7.965	83	144707	54.203	ug/l	99
31) Cyclohexane	8.259	56	109249	47.847	ug/l	95
32) 1,1,1-Trichloroethane	8.171	97	127796	51.558	ug/l	97
36) 1,1-Dichloropropene	8.371	75	99639	50.627	ug/l	98
37) Ethyl Acetate	7.565	43	107221	53.511	ug/l	95
38) Carbon Tetrachloride	8.365	117	115366	48.684	ug/l	99
39) Methylcyclohexane	9.600	83	99113	46.621	ug/l	93
40) Benzene	8.606	78	313191	51.733	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.782	41	59183	54.825	ug/l	94
42) 1,2-Dichloroethane	8.671	62	110332	50.624	ug/l	98
43) Isopropyl Acetate	8.688	43	251827	67.704	ug/l	96
44) Trichloroethene	9.353	130	70716	45.594	ug/l	97
45) 1,2-Dichloropropane	9.624	63	77706	54.979	ug/l	99
46) Dibromomethane	9.712	93	56758	51.547	ug/l	100
47) Bromodichloromethane	9.888	83	117164	51.498	ug/l	98
48) Methyl methacrylate	9.682	41	84292	53.650	ug/l #	90
49) 1,4-Dioxane	9.694	88	36838	1079.928	ug/l #	88
51) 4-Methyl-2-Pentanone	10.447	43	562583	283.210	ug/l	92
52) Toluene	10.629	92	197999	52.356	ug/l	100
53) t-1,3-Dichloropropene	10.835	75	118414	50.523	ug/l	98
54) cis-1,3-Dichloropropene	10.312	75	124210	50.068	ug/l #	87
55) 1,1,2-Trichloroethane	11.018	97	75682	54.423	ug/l	96
56) Ethyl methacrylate	10.876	69	125524	58.018	ug/l	87
57) 1,3-Dichloropropane	11.165	76	131134	53.272	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.159	63	326923	294.481	ug/l	96
59) 2-Hexanone	11.194	43	430161	291.261	ug/l	94
60) Dibromochloromethane	11.365	129	92069	51.981	ug/l	99
61) 1,2-Dibromoethane	11.470	107	77313	52.352	ug/l	98
64) Tetrachloroethene	11.106	164	62401	40.015	ug/l	97
65) Chlorobenzene	11.894	112	217181	48.489	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.965	131	78876	49.509	ug/l	99
67) Ethyl Benzene	11.965	91	380453	50.540	ug/l	100
68) m/p-Xylenes	12.070	106	293719	103.348	ug/l	96
69) o-Xylene	12.400	106	139857	51.358	ug/l	95
70) Styrene	12.412	104	244687	54.381	ug/l	98
71) Bromoform	12.576	173	64987	51.868	ug/l #	100
73) Isopropylbenzene	12.700	105	354357	50.004	ug/l	99
74) N-amyl acetate	12.494	43	169955	57.980	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.941	83	114592	53.992	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	100725m	59.906	ug/l	
77) Bromobenzene	12.982	156	87689	47.964	ug/l	98
78) n-propylbenzene	13.035	91	411008	50.443	ug/l	98
79) 2-Chlorotoluene	13.129	91	256566	49.420	ug/l	99
80) 1,3,5-Trimethylbenzene	13.176	105	292932	51.138	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.741	75	45471	53.187	ug/l	91
82) 4-Chlorotoluene	13.223	91	256012	49.821	ug/l	97
83) tert-Butylbenzene	13.441	119	250263	49.280	ug/l	94
84) 1,2,4-Trimethylbenzene	13.482	105	299936	51.373	ug/l	100
85) sec-Butylbenzene	13.617	105	344561	50.209	ug/l	100
86) p-Isopropyltoluene	13.729	119	289378	50.541	ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	161774	48.983	ug/l	99
88) 1,4-Dichlorobenzene	13.811	146	160585	47.016	ug/l	99
89) n-Butylbenzene	14.059	91	236859	48.286	ug/l	99
90) Hexachloroethane	14.335	117	58415	48.216	ug/l	97
91) 1,2-Dichlorobenzene	14.106	146	154548	48.196	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.723	75	23385	47.627	ug/l	91
93) 1,2,4-Trichlorobenzene	15.394	180	77689	44.978	ug/l	99
94) Hexachlorobutadiene	15.500	225	31971	41.753	ug/l	99
95) Naphthalene	15.641	128	297998	50.372	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	80435	45.291	ug/l	98

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

