

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN031124\
 Data File : VN081352.D
 Acq On : 11 Mar 2024 10:21
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : John Carlone 03/12/2024
 Supervised By : Mahesh Dadoda 03/12/2024

Quant Time: Mar 12 04:47:59 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N030524W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 06 03:12:57 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	327903	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	586904	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	534033	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	250547	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.576	65	239608	50.538	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 101.080%			
35) Dibromofluoromethane	8.165	113	189763	52.774	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 105.540%			
50) Toluene-d8	10.570	98	685179	50.974	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 101.940%			
62) 4-Bromofluorobenzene	12.847	95	251095	52.853	ug/l	0.00
Spiked Amount 50.000	Range 64 - 133		Recovery = 105.700%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.124	85	220576	50.746	ug/l	91
3) Chloromethane	2.359	50	199195	42.425	ug/l	99
4) Vinyl Chloride	2.518	62	214910	43.877	ug/l #	89
5) Bromomethane	2.953	94	132046	40.365	ug/l	92
6) Chloroethane	3.124	64	145333	43.200	ug/l	95
7) Trichlorofluoromethane	3.500	101	337560	46.586	ug/l	92
8) Diethyl Ether	3.953	74	125118	49.011	ug/l	84
9) 1,1,2-Trichlorotrifluo...	4.371	101	194017	47.020	ug/l	94
10) Methyl Iodide	4.588	142	207245	54.885	ug/l	98
11) Tert butyl alcohol	5.512	59	180784	218.069	ug/l	99
12) 1,1-Dichloroethene	4.341	96	175977	46.051	ug/l	93
13) Acrolein	4.177	56	201715	205.484	ug/l	98
14) Allyl chloride	5.024	41	258356	45.557	ug/l #	88
15) Acrylonitrile	5.718	53	512252	236.523	ug/l	97
16) Acetone	4.424	43	346423	206.229	ug/l	99
17) Carbon Disulfide	4.706	76	466208	42.746	ug/l	98
18) Methyl Acetate	5.018	43	260281	54.119	ug/l	93
19) Methyl tert-butyl Ether	5.794	73	637604	49.197	ug/l	97
20) Methylene Chloride	5.277	84	209468	50.479	ug/l	89
21) trans-1,2-Dichloroethene	5.783	96	189663	44.023	ug/l	95
22) Diisopropyl ether	6.671	45	640900	50.881	ug/l #	95
23) Vinyl Acetate	6.600	43	2541866	248.404	ug/l #	94
24) 1,1-Dichloroethane	6.565	63	363036	47.083	ug/l	97
25) 2-Butanone	7.482	43	640528	227.691	ug/l	92
26) 2,2-Dichloropropane	7.488	77	324238	47.579	ug/l	99
27) cis-1,2-Dichloroethene	7.482	96	228005	46.680	ug/l	92
28) Bromochloromethane	7.812	49	171681	52.037	ug/l #	71
29) Tetrahydrofuran	7.835	42	438653	228.670	ug/l #	88
30) Chloroform	7.965	83	390913	48.855	ug/l	95
31) Cyclohexane	8.259	56	300796	41.905	ug/l #	79
32) 1,1,1-Trichloroethane	8.171	97	335081	47.377	ug/l	94
36) 1,1-Dichloropropene	8.371	75	281392	48.507	ug/l	97
37) Ethyl Acetate	7.559	43	269654	47.552	ug/l	99
38) Carbon Tetrachloride	8.359	117	287971	49.324	ug/l	98
39) Methylcyclohexane	9.600	83	317459	47.551	ug/l	94
40) Benzene	8.606	78	825575	47.679	ug/l	95

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 Quant Title : SW846 8260
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	162281	50.675	ug/l	95
42) 1,2-Dichloroethane	8.671	62	309692	50.726	ug/l	100
43) Isopropyl Acetate	8.688	43	479207	48.281	ug/l	97
44) Trichloroethene	9.353	130	210192	48.130	ug/l	92
45) 1,2-Dichloropropane	9.623	63	216448	49.760	ug/l	99
46) Dibromomethane	9.712	93	156481	51.037	ug/l	92
47) Bromodichloromethane	9.888	83	314435	52.828	ug/l #	93
48) Methyl methacrylate	9.682	41	216440	49.334	ug/l	90
49) 1,4-Dioxane	9.694	88	87057	900.278	ug/l #	85
51) 4-Methyl-2-Pentanone	10.447	43	1438505	249.602	ug/l	96
52) Toluene	10.629	92	514647	49.202	ug/l	100
53) t-1,3-Dichloropropene	10.835	75	330804	51.367	ug/l	99
54) cis-1,3-Dichloropropene	10.312	75	361861	52.050	ug/l	96
55) 1,1,2-Trichloroethane	11.018	97	208060	50.160	ug/l	96
56) Ethyl methacrylate	10.876	69	314469	52.798	ug/l	92
57) 1,3-Dichloropropane	11.165	76	366495	50.626	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.159	63	830443	259.199	ug/l #	90
59) 2-Hexanone	11.194	43	1070092	248.368	ug/l	96
60) Dibromochloromethane	11.359	129	228050	53.384	ug/l	98
61) 1,2-Dibromoethane	11.470	107	213852	49.689	ug/l	96
64) Tetrachloroethene	11.106	164	205626	49.176	ug/l	92
65) Chlorobenzene	11.894	112	541912	48.155	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.959	131	205230	49.838	ug/l	96
67) Ethyl Benzene	11.964	91	995055	49.087	ug/l	97
68) m/p-Xylenes	12.070	106	748735	98.144	ug/l	100
69) o-Xylene	12.400	106	359988	48.689	ug/l	99
70) Styrene	12.412	104	615999	52.574	ug/l	98
71) Bromoform	12.582	173	150148	52.520	ug/l #	98
73) Isopropylbenzene	12.694	105	964791	47.687	ug/l	98
74) N-amyl acetate	12.494	43	418743	49.328	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.941	83	291765	46.729	ug/l	98
76) 1,2,3-Trichloropropane	12.994	75	274972m	46.465	ug/l	
77) Bromobenzene	12.982	156	217090	45.257	ug/l	81
78) n-propylbenzene	13.035	91	1188627	49.672	ug/l	98
79) 2-Chlorotoluene	13.123	91	694881	47.507	ug/l	96
80) 1,3,5-Trimethylbenzene	13.176	105	831507	49.719	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.741	75	108735	51.279	ug/l #	84
82) 4-Chlorotoluene	13.223	91	696320	48.197	ug/l	96
83) tert-Butylbenzene	13.441	119	682811	47.623	ug/l	97
84) 1,2,4-Trimethylbenzene	13.482	105	842415	49.717	ug/l	97
85) sec-Butylbenzene	13.617	105	1022565	49.298	ug/l	95
86) p-Isopropyltoluene	13.729	119	869743	52.285	ug/l	98
87) 1,3-Dichlorobenzene	13.735	146	424199	46.833	ug/l	97
88) 1,4-Dichlorobenzene	13.811	146	422268	46.643	ug/l	97
89) n-Butylbenzene	14.058	91	784893	51.452	ug/l	98
90) Hexachloroethane	14.335	117	146145	50.182	ug/l	100
91) 1,2-Dichlorobenzene	14.106	146	408518	47.008	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.723	75	63865	47.799	ug/l	81
93) 1,2,4-Trichlorobenzene	15.394	180	243400	52.398	ug/l	99
94) Hexachlorobutadiene	15.505	225	92830	48.364	ug/l	94
95) Naphthalene	15.641	128	863176	52.222	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	238025	50.528	ug/l	98

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

