

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN012624\
 Data File : VN080778.D
 Acq On : 26 Jan 2024 19:00
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 01/29/2024
 Supervised By : Mahesh Dadoda 01/29/2024

Quant Time: Jan 29 02:35:31 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N011024W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 11 06:34:36 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.229	168	117084	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	247617	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	208250	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	81493	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	105167	51.148	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 102.300%			
35) Dibromofluoromethane	8.171	113	74760	53.138	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 106.280%			
50) Toluene-d8	10.570	98	300134	55.947	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 111.900%			
62) 4-Bromofluorobenzene	12.853	95	105898	51.477	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 102.960%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.124	85	92592	48.677	ug/l	98
3) Chloromethane	2.359	50	133105	61.804	ug/l	98
4) Vinyl Chloride	2.506	62	97313	56.387	ug/l	92
5) Bromomethane	2.930	94	37164	56.656	ug/l	89
6) Chloroethane	3.106	64	56027	60.612	ug/l	98
7) Trichlorofluoromethane	3.489	101	136411	47.863	ug/l	97
8) Diethyl Ether	3.953	74	66827	53.653	ug/l	# 54
9) 1,1,2-Trichlorotrifluo...	4.365	101	80231	51.649	ug/l	92
10) Methyl Iodide	4.577	142	66204	50.968	ug/l	93
11) Tert butyl alcohol	5.524	59	121365	349.024	ug/l	99
12) 1,1-Dichloroethene	4.336	96	83738	47.903	ug/l	# 71
13) Acrolein	4.177	56	88153	303.407	ug/l	96
14) Allyl chloride	5.024	41	175929	50.770	ug/l	# 89
15) Acrylonitrile	5.718	53	296494	326.522	ug/l	99
16) Acetone	4.424	43	208826	309.356	ug/l	97
17) Carbon Disulfide	4.712	76	253618	47.435	ug/l	96
18) Methyl Acetate	5.024	43	157889	78.547	ug/l	# 80
19) Methyl tert-butyl Ether	5.794	73	319253	53.001	ug/l	93
20) Methylene Chloride	5.271	84	100184	50.839	ug/l	# 68
21) trans-1,2-Dichloroethene	5.788	96	94084	53.062	ug/l	# 84
22) Diisopropyl ether	6.671	45	399113	61.079	ug/l	# 88
23) Vinyl Acetate	6.606	43	1554784	292.340	ug/l	# 83
24) 1,1-Dichloroethane	6.565	63	199500	55.774	ug/l	97
25) 2-Butanone	7.482	43	400501	328.230	ug/l	# 76
26) 2,2-Dichloropropane	7.488	77	151518	48.435	ug/l	100
27) cis-1,2-Dichloroethene	7.488	96	109174	55.854	ug/l	77
28) Bromochloromethane	7.812	49	97567	58.346	ug/l	# 55
29) Tetrahydrofuran	7.841	42	280698	341.303	ug/l	# 68
30) Chloroform	7.971	83	182014	54.279	ug/l	94
31) Cyclohexane	8.259	56	171246	53.909	ug/l	# 83
32) 1,1,1-Trichloroethane	8.171	97	148822	49.858	ug/l	# 90
36) 1,1-Dichloropropene	8.371	75	142674	49.506	ug/l	94
37) Ethyl Acetate	7.559	43	168345	60.239	ug/l	# 89
38) Carbon Tetrachloride	8.365	117	120782	46.677	ug/l	95
39) Methylcyclohexane	9.606	83	140868	51.078	ug/l	# 83
40) Benzene	8.606	78	438369	54.108	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.782	41	93891	57.921	ug/l #	82
42) 1,2-Dichloroethane	8.671	62	145003	46.751	ug/l	97
43) Isopropyl Acetate	8.694	43	292479	56.937	ug/l #	87
44) Trichloroethene	9.359	130	87442	47.676	ug/l	97
45) 1,2-Dichloropropane	9.623	63	121244	56.447	ug/l	98
46) Dibromomethane	9.706	93	69315	51.007	ug/l	92
47) Bromodichloromethane	9.894	83	144720	47.980	ug/l	94
48) Methyl methacrylate	9.682	41	135120	55.558	ug/l #	75
49) 1,4-Dioxane	9.694	88	40425	1334.004	ug/l #	73
51) 4-Methyl-2-Pentanone	10.447	43	872440	314.815	ug/l #	85
52) Toluene	10.635	92	253044	54.514	ug/l	98
53) t-1,3-Dichloropropene	10.841	75	168158	50.229	ug/l	97
54) cis-1,3-Dichloropropene	10.312	75	183057	51.561	ug/l #	84
55) 1,1,2-Trichloroethane	11.018	97	97309	54.464	ug/l	93
56) Ethyl methacrylate	10.876	69	180933	56.539	ug/l #	77
57) 1,3-Dichloropropane	11.165	76	186347	57.130	ug/l	98
58) 2-Chloroethyl Vinyl ether	10.159	63	462282	301.599	ug/l #	83
59) 2-Hexanone	11.200	43	648710	317.094	ug/l	85
60) Dibromochloromethane	11.359	129	94679	51.562	ug/l	98
61) 1,2-Dibromoethane	11.470	107	96578	54.989	ug/l	95
64) Tetrachloroethene	11.106	164	69323	48.473	ug/l	97
65) Chlorobenzene	11.894	112	248594	54.638	ug/l	94
66) 1,1,1,2-Tetrachloroethane	11.964	131	84076	52.047	ug/l	97
67) Ethyl Benzene	11.964	91	472689	54.408	ug/l	95
68) m/p-Xylenes	12.076	106	342184	112.030	ug/l	89
69) o-Xylene	12.400	106	170965	57.246	ug/l	94
70) Styrene	12.417	104	280736	55.357	ug/l	94
71) Bromoform	12.582	173	59368	53.420	ug/l #	98
73) Isopropylbenzene	12.700	105	419515	54.135	ug/l	98
74) N-amyl acetate	12.500	43	270125	58.084	ug/l #	84
75) 1,1,2,2-Tetrachloroethane	12.941	83	149557	58.834	ug/l	98
76) 1,2,3-Trichloropropane	12.994	75	138257m	55.019	ug/l	
77) Bromobenzene	12.982	156	86725	52.690	ug/l	70
78) n-propylbenzene	13.041	91	509124	53.556	ug/l	94
79) 2-Chlorotoluene	13.129	91	305814	50.197	ug/l	93
80) 1,3,5-Trimethylbenzene	13.176	105	333853	51.694	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.741	75	60956	57.184	ug/l #	89
82) 4-Chlorotoluene	13.223	91	309482	51.818	ug/l	93
83) tert-Butylbenzene	13.441	119	266215	51.562	ug/l	93
84) 1,2,4-Trimethylbenzene	13.482	105	333234	52.474	ug/l	98
85) sec-Butylbenzene	13.617	105	395202	53.873	ug/l	97
86) p-Isopropyltoluene	13.735	119	304175	52.501	ug/l	97
87) 1,3-Dichlorobenzene	13.735	146	156269	53.155	ug/l	98
88) 1,4-Dichlorobenzene	13.817	146	156887	52.383	ug/l	97
89) n-Butylbenzene	14.058	91	286838	51.364	ug/l	97
90) Hexachloroethane	14.335	117	53988	50.247	ug/l	99
91) 1,2-Dichlorobenzene	14.111	146	150368	54.279	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.723	75	28223	48.497	ug/l	84
93) 1,2,4-Trichlorobenzene	15.400	180	72940	50.555	ug/l	98
94) Hexachlorobutadiene	15.505	225	28308	40.884	ug/l	99
95) Naphthalene	15.641	128	287498	50.632	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	67354	48.229	ug/l	94

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

