

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN012624\
 Data File : VN080764.D
 Acq On : 26 Jan 2024 10:17
 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 01/29/2024
 Supervised By : Mahesh Dadoda 01/29/2024

Quant Time: Jan 29 02:26:45 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	8.230	168	142597	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	276611	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	236840	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	96918	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	115115	45.970	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	91.940%		
35) Dibromofluoromethane	8.165	113	90087	57.321	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	114.640%		
50) Toluene-d8	10.571	98	348652	58.179	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	116.360%#		
62) 4-Bromofluorobenzene	12.847	95	121888	53.039	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	106.080%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.124	85	107130	46.243	ug/l	96
3) Chloromethane	2.359	50	157354	60.022	ug/l	97
4) Vinyl Chloride	2.512	62	120626	57.390	ug/l	98
5) Bromomethane	2.942	94	45612	57.094	ug/l	91
6) Chloroethane	3.112	64	63199	56.113	ug/l	95
7) Trichlorofluoromethane	3.489	101	164362	47.352	ug/l	93
8) Diethyl Ether	3.954	74	77786	51.278	ug/l #	51
9) 1,1,2-Trichlorotrifluo...	4.371	101	100933	53.351	ug/l	93
10) Methyl Iodide	4.583	142	79172	50.047	ug/l #	95
11) Tert butyl alcohol	5.524	59	125518	296.384	ug/l	98
12) 1,1-Dichloroethene	4.342	96	100066	47.002	ug/l #	79
13) Acrolein	4.177	56	101855	287.845	ug/l	99
14) Allyl chloride	5.018	41	208981	49.518	ug/l #	91
15) Acrylonitrile	5.718	53	327392	296.041	ug/l	99
16) Acetone	4.430	43	233362	283.851	ug/l	92
17) Carbon Disulfide	4.712	76	293567	45.083	ug/l	100
18) Methyl Acetate	5.024	43	160302	65.479	ug/l #	78
19) Methyl tert-butyl Ether	5.795	73	388103	52.903	ug/l #	90
20) Methylene Chloride	5.271	84	125814	52.422	ug/l #	81
21) trans-1,2-Dichloroethene	5.783	96	112671	52.175	ug/l #	67
22) Diisopropyl ether	6.671	45	483805	60.793	ug/l #	87
23) Vinyl Acetate	6.600	43	1876430	289.693	ug/l #	84
24) 1,1-Dichloroethane	6.571	63	246308	56.540	ug/l	97
25) 2-Butanone	7.483	43	449422	302.424	ug/l #	74
26) 2,2-Dichloropropane	7.489	77	202892	53.253	ug/l	98
27) cis-1,2-Dichloroethene	7.489	96	135544	56.938	ug/l	77
28) Bromochloromethane	7.818	49	111923	54.956	ug/l #	62
29) Tetrahydrofuran	7.836	42	296958	296.472	ug/l #	71
30) Chloroform	7.965	83	222147	54.395	ug/l	93
31) Cyclohexane	8.259	56	210016	54.285	ug/l #	80
32) 1,1,1-Trichloroethane	8.171	97	180452	49.638	ug/l #	89
36) 1,1-Dichloropropene	8.371	75	172780	53.669	ug/l	93
37) Ethyl Acetate	7.565	43	184455	59.086	ug/l #	88
38) Carbon Tetrachloride	8.365	117	147653	51.080	ug/l	94
39) Methylcyclohexane	9.600	83	174345	56.590	ug/l #	80
40) Benzene	8.606	78	525558	58.070	ug/l	99

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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	110565	61.058	ug/l #	81
42) 1,2-Dichloroethane	8.671	62	176563	50.959	ug/l	98
43) Isopropyl Acetate	8.688	43	336161	58.581	ug/l #	87
44) Trichloroethene	9.353	130	113360	55.328	ug/l	97
45) 1,2-Dichloropropane	9.624	63	146870	61.211	ug/l	97
46) Dibromomethane	9.712	93	85825	56.536	ug/l	94
47) Bromodichloromethane	9.888	83	176865	52.491	ug/l	98
48) Methyl methacrylate	9.683	41	153416	56.469	ug/l #	77
49) 1,4-Dioxane	9.694	88	40434	1194.441	ug/l #	70
51) 4-Methyl-2-Pentanone	10.447	43	962939	311.050	ug/l	87
52) Toluene	10.630	92	314704	60.691	ug/l	98
53) t-1,3-Dichloropropene	10.835	75	211128	56.453	ug/l	97
54) cis-1,3-Dichloropropene	10.312	75	230617	58.148	ug/l #	84
55) 1,1,2-Trichloroethane	11.018	97	120345	60.297	ug/l	91
56) Ethyl methacrylate	10.877	69	209244	58.533	ug/l #	77
57) 1,3-Dichloropropane	11.165	76	225741	61.954	ug/l	98
58) 2-Chloroethyl Vinyl ether	10.165	63	575068	335.856	ug/l #	83
59) 2-Hexanone	11.200	43	735886	322.002	ug/l	85
60) Dibromochloromethane	11.359	129	118131	57.590	ug/l	100
61) 1,2-Dibromoethane	11.471	107	116609	59.434	ug/l	96
64) Tetrachloroethene	11.106	164	93183	57.292	ug/l	94
65) Chlorobenzene	11.894	112	299071	57.798	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.965	131	101056	55.006	ug/l	94
67) Ethyl Benzene	11.965	91	577568	58.454	ug/l	98
68) m/p-Xylenes	12.076	106	417698	120.244	ug/l	90
69) o-Xylene	12.400	106	208953	61.520	ug/l	93
70) Styrene	12.412	104	351242	60.900	ug/l	96
71) Bromoform	12.582	173	74595	59.019	ug/l #	97
73) Isopropylbenzene	12.700	105	512273	55.584	ug/l	99
74) N-amyl acetate	12.494	43	302918	54.769	ug/l #	85
75) 1,1,2,2-Tetrachloroethane	12.941	83	168284	55.664	ug/l	98
76) 1,2,3-Trichloropropane	12.994	75	153882m	51.490	ug/l	
77) Bromobenzene	12.982	156	105074	53.678	ug/l	71
78) n-propylbenzene	13.035	91	632056	55.906	ug/l	94
79) 2-Chlorotoluene	13.129	91	378298	52.212	ug/l	95
80) 1,3,5-Trimethylbenzene	13.176	105	414790	54.004	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.741	75	73402	57.901	ug/l #	86
82) 4-Chlorotoluene	13.223	91	376223	52.967	ug/l	93
83) tert-Butylbenzene	13.441	119	331209	53.941	ug/l	95
84) 1,2,4-Trimethylbenzene	13.482	105	415709	55.042	ug/l	98
85) sec-Butylbenzene	13.618	105	490092	56.175	ug/l	97
86) p-Isopropyltoluene	13.729	119	385366	55.929	ug/l	98
87) 1,3-Dichlorobenzene	13.735	146	188073	53.791	ug/l	97
88) 1,4-Dichlorobenzene	13.818	146	196133	55.064	ug/l	96
89) n-Butylbenzene	14.059	91	372849	56.139	ug/l	97
90) Hexachloroethane	14.335	117	69628	54.490	ug/l	97
91) 1,2-Dichlorobenzene	14.106	146	183358	55.653	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.723	75	31517	45.515	ug/l	87
93) 1,2,4-Trichlorobenzene	15.394	180	94737	55.212	ug/l	99
94) Hexachlorobutadiene	15.506	225	38793	47.110	ug/l	99
95) Naphthalene	15.641	128	345608	51.179	ug/l	99
96) 1,2,3-Trichlorobenzene	15.847	180	90625	54.565	ug/l	100

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

