

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN111324\
 Data File : VN084815.D
 Acq On : 13 Nov 2024 09:52
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Quant Time: Nov 14 00:28:43 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N103024W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 31 18:45:38 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 11/14/2024
 Supervised By : Mahesh Dadoda 11/14/2024

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

Internal Standards						
1) Pentafluorobenzene	8.218	168	176295	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.094	114	281546	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	243058	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	126719	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	120107	47.169	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	94.340%
35) Dibromofluoromethane	8.159	113	97958	51.402	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	102.800%
50) Toluene-d8	10.559	98	351154	50.021	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	100.040%
62) 4-Bromofluorobenzene	12.847	95	135745	51.739	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	103.480%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.124	85	96195	47.465	ug/l	94
3) Chloromethane	2.359	50	107226	44.829	ug/l	100
4) Vinyl Chloride	2.512	62	117161	53.749	ug/l	96
5) Bromomethane	2.906	94	59293	51.340	ug/l	95
6) Chloroethane	3.077	64	73561	54.647	ug/l	98
7) Trichlorofluoromethane	3.471	101	182918	50.942	ug/l	93
8) Diethyl Ether	3.959	74	63024	49.756	ug/l	95
9) 1,1,2-Trichlorotrifluo...	4.359	101	101897	50.222	ug/l	96
10) Methyl Iodide	4.577	142	140001	51.629	ug/l	97
11) Tert butyl alcohol	5.530	59	70720	210.411	ug/l	100
12) 1,1-Dichloroethene	4.324	96	95055	47.347	ug/l	96
13) Acrolein	4.171	56	65521	195.496	ug/l	99
14) Allyl chloride	5.012	41	150935	46.358	ug/l	94
15) Acrylonitrile	5.712	53	227445	233.755	ug/l	98
16) Acetone	4.424	43	180714	245.643	ug/l	100
17) Carbon Disulfide	4.700	76	269968	43.666	ug/l	97
18) Methyl Acetate	5.018	43	111174	40.630	ug/l	97
19) Methyl tert-butyl Ether	5.789	73	317360	51.574	ug/l	100
20) Methylene Chloride	5.271	84	105808	47.246	ug/l	92
21) trans-1,2-Dichloroethene	5.777	96	99711	48.368	ug/l	97
22) Diisopropyl ether	6.665	45	314968	48.685	ug/l	98
23) Vinyl Acetate	6.594	43	1120244	251.096	ug/l	99
24) 1,1-Dichloroethane	6.559	63	188301	48.480	ug/l	97
25) 2-Butanone	7.477	43	286555	241.222	ug/l	96
26) 2,2-Dichloropropane	7.483	77	173974	51.462	ug/l	99
27) cis-1,2-Dichloroethene	7.483	96	118677	49.303	ug/l	96
28) Bromochloromethane	7.806	49	83558	53.996	ug/l	92
29) Tetrahydrofuran	7.835	42	182415	231.465	ug/l	94
30) Chloroform	7.959	83	196747	49.768	ug/l	100
31) Cyclohexane	8.253	56	160995	45.797	ug/l	93
32) 1,1,1-Trichloroethane	8.159	97	182339	50.675	ug/l	98
36) 1,1-Dichloropropene	8.365	75	134688	50.960	ug/l	98
37) Ethyl Acetate	7.553	43	118334	49.347	ug/l	96
38) Carbon Tetrachloride	8.359	117	159542	54.005	ug/l	98
39) Methylcyclohexane	9.594	83	153429	57.062	ug/l	98
40) Benzene	8.600	78	432055	50.902	ug/l	99

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41) Methacrylonitrile	7.771	41	66538	51.598	ug/l	95
42) 1,2-Dichloroethane	8.665	62	145008	52.752	ug/l	99
43) Isopropyl Acetate	8.682	43	213313	48.114	ug/l	98
44) Trichloroethene	9.347	130	100437	51.308	ug/l	98
45) 1,2-Dichloropropane	9.618	63	103643	52.053	ug/l	99
46) Dibromomethane	9.700	93	72822	51.831	ug/l	97
47) Bromodichloromethane	9.882	83	153343	51.777	ug/l #	98
48) Methyl methacrylate	9.677	41	92115	49.357	ug/l	93
49) 1,4-Dioxane	9.694	88	33022	998.496	ug/l #	82
51) 4-Methyl-2-Pentanone	10.441	43	580539	253.954	ug/l	98
52) Toluene	10.629	92	265281	53.439	ug/l	99
53) t-1,3-Dichloropropene	10.829	75	153620	50.111	ug/l	97
54) cis-1,3-Dichloropropene	10.306	75	169890	52.361	ug/l	95
55) 1,1,2-Trichloroethane	11.012	97	97167	51.963	ug/l	95
56) Ethyl methacrylate	10.871	69	149768	55.371	ug/l	94
57) 1,3-Dichloropropane	11.159	76	167938	52.330	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.153	63	350740	277.120	ug/l	96
59) 2-Hexanone	11.194	43	439014	263.840	ug/l	97
60) Dibromochloromethane	11.353	129	113439	53.229	ug/l	99
61) 1,2-Dibromoethane	11.465	107	95450	49.846	ug/l	99
64) Tetrachloroethene	11.100	164	89817	55.554	ug/l	99
65) Chlorobenzene	11.888	112	277610	51.053	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.959	131	102195	54.032	ug/l	99
67) Ethyl Benzene	11.959	91	492839	54.298	ug/l	99
68) m/p-Xylenes	12.065	106	377788	109.941	ug/l	99
69) o-Xylene	12.394	106	182515	56.777	ug/l	98
70) Styrene	12.406	104	306011	54.571	ug/l	99
71) Bromoform	12.576	173	76509	53.758	ug/l #	98
73) Isopropylbenzene	12.694	105	461304	51.948	ug/l	100
74) N-amyl acetate	12.494	43	178664	47.271	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.935	83	133876	45.166	ug/l	100
76) 1,2,3-Trichloropropane	12.988	75	123787m	48.869	ug/l	
77) Bromobenzene	12.976	156	113968	47.740	ug/l	93
78) n-propylbenzene	13.035	91	541039	51.993	ug/l	99
79) 2-Chlorotoluene	13.123	91	340930	50.141	ug/l	100
80) 1,3,5-Trimethylbenzene	13.170	105	401124	54.500	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.735	75	49512	46.372	ug/l	92
82) 4-Chlorotoluene	13.217	91	344801	48.186	ug/l	99
83) tert-Butylbenzene	13.435	119	336487	55.241	ug/l	97
84) 1,2,4-Trimethylbenzene	13.476	105	409543	53.914	ug/l	100
85) sec-Butylbenzene	13.612	105	466097	54.170	ug/l	100
86) p-Isopropyltoluene	13.723	119	398693	56.499	ug/l	98
87) 1,3-Dichlorobenzene	13.729	146	215220	46.195	ug/l	99
88) 1,4-Dichlorobenzene	13.806	146	215716	50.517	ug/l	99
89) n-Butylbenzene	14.053	91	331088	50.158	ug/l	99
90) Hexachloroethane	14.329	117	73345	46.607	ug/l	94
91) 1,2-Dichlorobenzene	14.100	146	207784	46.412	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.717	75	24575	40.926	ug/l	95
93) 1,2,4-Trichlorobenzene	15.388	180	104240	42.540	ug/l	98
94) Hexachlorobutadiene	15.500	225	50297	46.740	ug/l	98
95) Naphthalene	15.635	128	320037	43.634	ug/l	100
96) 1,2,3-Trichlorobenzene	15.835	180	105664	44.421	ug/l	97

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

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