

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120423\
 Data File : VN080326.D
 Acq On : 04 Dec 2023 10:02
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Quant Time: Dec 05 04:09:21 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N111623W.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 17 01:19:32 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :John
 Carlone

12/05/2023
 Supervised By :Mahesh
 Dadoda

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	219328	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	328152	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	300243	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	154576	50.000	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.576	65	171296	47.300	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	94.600%
35) Dibromofluoromethane	8.165	113	125397	51.789	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	103.580%
50) Toluene-d8	10.565	98	434368	49.765	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	99.520%
62) 4-Bromofluorobenzene	12.853	95	169384	51.377	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	102.760%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.124	85	164100	50.229	ug/l	99
3) Chloromethane	2.365	50	105891	43.110	ug/l	98
4) Vinyl Chloride	2.512	62	123245	47.413	ug/l	99
5) Bromomethane	2.947	94	79749	45.193	ug/l	97
6) Chloroethane	3.118	64	76320	47.363	ug/l	99
7) Trichlorofluoromethane	3.494	101	277069	51.097	ug/l	96
8) Diethyl Ether	3.959	74	72278	45.833	ug/l	97
9) 1,1,2-Trichlorotrifluo...	4.371	101	122226	49.316	ug/l	92
10) Methyl Iodide	4.588	142	138935	51.871	ug/l #	87
11) Tert butyl alcohol	5.512	59	86360	216.850	ug/l	98
12) 1,1-Dichloroethene	4.341	96	117254	50.581	ug/l	85
13) Acrolein	4.171	56	99444	282.156	ug/l	96
14) Allyl chloride	5.018	41	128156	43.941	ug/l	89
15) Acrylonitrile	5.718	53	230882	215.958	ug/l	98
16) Acetone	4.418	43	278576	229.024	ug/l	93
17) Carbon Disulfide	4.712	76	311652	45.025	ug/l	98
18) Methyl Acetate	5.018	43	156068	39.934	ug/l	99
19) Methyl tert-butyl Ether	5.788	73	401739	49.073	ug/l	98
20) Methylene Chloride	5.277	84	127378	50.006	ug/l	96
21) trans-1,2-Dichloroethene	5.783	96	128671	50.525	ug/l	86
22) Diisopropyl ether	6.671	45	302578	46.891	ug/l	97
23) Vinyl Acetate	6.600	43	862824	222.417	ug/l	96
24) 1,1-Dichloroethane	6.571	63	220694	46.958	ug/l	100
25) 2-Butanone	7.482	43	295286	204.325	ug/l	95
26) 2,2-Dichloropropane	7.488	77	238407	51.130	ug/l	95
27) cis-1,2-Dichloroethene	7.488	96	141121	48.876	ug/l	87
28) Bromochloromethane	7.812	49	85346	46.192	ug/l	98
29) Tetrahydrofuran	7.835	42	166471	214.558	ug/l	96
30) Chloroform	7.965	83	265606	50.563	ug/l	94
31) Cyclohexane	8.259	56	163214	41.442	ug/l	94
32) 1,1,1-Trichloroethane	8.165	97	265610	51.849	ug/l	96
36) 1,1-Dichloropropene	8.371	75	187118	53.377	ug/l	96
37) Ethyl Acetate	7.559	43	111041	45.666	ug/l	97
38) Carbon Tetrachloride	8.365	117	251023	56.427	ug/l	96
39) Methylcyclohexane	9.600	83	170603	50.472	ug/l	93
40) Benzene	8.606	78	506495	50.836	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	66122	49.516	ug/l	93
42) 1,2-Dichloroethane	8.671	62	223722	54.884	ug/l	94
43) Isopropyl Acetate	8.688	43	194666	41.139	ug/l	97
44) Trichloroethene	9.353	130	144395	55.250	ug/l	96
45) 1,2-Dichloropropane	9.623	63	115786	50.007	ug/l	99
46) Dibromomethane	9.712	93	95891	54.711	ug/l	91
47) Bromodichloromethane	9.888	83	213325	55.331	ug/l	95
48) Methyl methacrylate	9.682	41	118804	48.720	ug/l	93
49) 1,4-Dioxane	9.694	88	35432	873.408	ug/l #	83
51) 4-Methyl-2-Pentanone	10.447	43	568894	232.221	ug/l	100
52) Toluene	10.629	92	333800	53.534	ug/l	99
53) t-1,3-Dichloropropene	10.835	75	212826	53.728	ug/l	100
54) cis-1,3-Dichloropropene	10.312	75	221102	54.635	ug/l	93
55) 1,1,2-Trichloroethane	11.017	97	124509	52.319	ug/l	98
56) Ethyl methacrylate	10.876	69	130506	53.680	ug/l	96
57) 1,3-Dichloropropane	11.165	76	217052	52.238	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.159	63	323698	236.334	ug/l	100
59) 2-Hexanone	11.194	43	451958	229.589	ug/l	96
60) Dibromochloromethane	11.359	129	160302	56.263	ug/l	99
61) 1,2-Dibromoethane	11.470	107	125788	51.811	ug/l	99
64) Tetrachloroethene	11.106	164	147745	64.479	ug/l	98
65) Chlorobenzene	11.894	112	356006	52.328	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.964	131	146874	55.632	ug/l	93
67) Ethyl Benzene	11.964	91	660709	54.577	ug/l	96
68) m/p-Xylenes	12.070	106	494161	111.954	ug/l	88
69) o-Xylene	12.400	106	231238	55.589	ug/l	85
70) Styrene	12.412	104	351518	56.775	ug/l	92
71) Bromoform	12.582	173	109717	56.039	ug/l #	100
73) Isopropylbenzene	12.700	105	609207	50.718	ug/l	99
74) N-amyl acetate	12.494	43	156563	41.797	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.941	83	150433	41.844	ug/l	97
76) 1,2,3-Trichloropropane	12.994	75	154586m	40.816	ug/l	
77) Bromobenzene	12.982	156	152027	50.200	ug/l	94
78) n-propylbenzene	13.035	91	688322	51.245	ug/l	99
79) 2-Chlorotoluene	13.123	91	440855	50.534	ug/l	98
80) 1,3,5-Trimethylbenzene	13.176	105	539890	51.634	ug/l	95
81) trans-1,4-Dichloro-2-b...	12.741	75	51856	46.259	ug/l #	86
82) 4-Chlorotoluene	13.223	91	452692	50.653	ug/l	97
83) tert-Butylbenzene	13.441	119	419336	50.010	ug/l	94
84) 1,2,4-Trimethylbenzene	13.482	105	541330	52.577	ug/l	96
85) sec-Butylbenzene	13.617	105	534116	50.353	ug/l	100
86) p-Isopropyltoluene	13.729	119	492470	51.973	ug/l	98
87) 1,3-Dichlorobenzene	13.735	146	268746	49.255	ug/l	99
88) 1,4-Dichlorobenzene	13.811	146	270556	49.343	ug/l	97
89) n-Butylbenzene	14.058	91	395741	49.898	ug/l	99
90) Hexachloroethane	14.335	117	88174	47.732	ug/l	71
91) 1,2-Dichlorobenzene	14.106	146	257955	49.405	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.723	75	36387	43.575	ug/l	90
93) 1,2,4-Trichlorobenzene	15.394	180	132361	43.587	ug/l	98
94) Hexachlorobutadiene	15.505	225	77755	44.494	ug/l	99
95) Naphthalene	15.647	128	351025	39.862	ug/l	99
96) 1,2,3-Trichlorobenzene	15.847	180	122079	42.890	ug/l	96

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

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