

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120523\
 Data File : VN080374.D
 Acq On : 05 Dec 2023 18:32
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 12/06/2023
 Supervised By : Mahesh Dadoda 12/06/2023

Quant Time: Dec 06 00:55:41 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

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	219080	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	339571	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	304515	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	153740	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	172367	47.650	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	95.300%		
35) Dibromofluoromethane	8.165	113	126386	50.442	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	100.880%		
50) Toluene-d8	10.571	98	451821	50.024	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	100.040%		
62) 4-Bromofluorobenzene	12.853	95	172229	50.484	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	100.960%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.124	85	158898	48.692	ug/l	99
3) Chloromethane	2.365	50	110781	45.152	ug/l	98
4) Vinyl Chloride	2.512	62	128118	49.343	ug/l	98
5) Bromomethane	2.948	94	76561	43.435	ug/l	97
6) Chloroethane	3.118	64	82595	51.553	ug/l	93
7) Trichlorofluoromethane	3.495	101	277638	51.260	ug/l	98
8) Diethyl Ether	3.959	74	78949	50.120	ug/l	89
9) 1,1,2-Trichlorotrifluo...	4.371	101	125563	50.719	ug/l	95
10) Methyl Iodide	4.589	142	141427	52.861	ug/l #	87
11) Tert butyl alcohol	5.512	59	101689	255.630	ug/l #	91
12) 1,1-Dichloroethene	4.342	96	121847	52.622	ug/l #	79
13) Acrolein	4.177	56	95376	270.920	ug/l	92
14) Allyl chloride	5.018	41	153449	52.673	ug/l	95
15) Acrylonitrile	5.718	53	260956	244.364	ug/l	99
16) Acetone	4.424	43	231701	190.703	ug/l	94
17) Carbon Disulfide	4.706	76	316466	45.773	ug/l	97
18) Methyl Acetate	5.018	43	180973	46.359	ug/l	96
19) Methyl tert-butyl Ether	5.795	73	431518	52.771	ug/l	100
20) Methylene Chloride	5.271	84	138349	54.375	ug/l	95
21) trans-1,2-Dichloroethene	5.783	96	130518	51.309	ug/l #	76
22) Diisopropyl ether	6.671	45	332312	51.558	ug/l	98
23) Vinyl Acetate	6.600	43	967436	249.666	ug/l	95
24) 1,1-Dichloroethane	6.565	63	234242	49.898	ug/l	98
25) 2-Butanone	7.483	43	305742	211.800	ug/l	92
26) 2,2-Dichloropropane	7.489	77	233624	50.161	ug/l	98
27) cis-1,2-Dichloroethene	7.489	96	150188	52.076	ug/l	88
28) Bromochloromethane	7.812	49	81096	43.941	ug/l	99
29) Tetrahydrofuran	7.836	42	185585	239.464	ug/l	95
30) Chloroform	7.965	83	279702	53.307	ug/l	93
31) Cyclohexane	8.259	56	178315	45.327	ug/l	98
32) 1,1,1-Trichloroethane	8.171	97	271106	52.982	ug/l	97
36) 1,1-Dichloropropene	8.377	75	195524	53.899	ug/l	96
37) Ethyl Acetate	7.559	43	121933	48.459	ug/l	97
38) Carbon Tetrachloride	8.365	117	249933	54.293	ug/l	98
39) Methylcyclohexane	9.600	83	177474	50.739	ug/l	91
40) Benzene	8.606	78	545167	52.877	ug/l	100

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41) Methacrylonitrile	7.783	41	71343	51.629	ug/l	93
42) 1,2-Dichloroethane	8.671	62	229236	54.346	ug/l	95
43) Isopropyl Acetate	8.688	43	222286	45.397	ug/l	98
44) Trichloroethene	9.353	130	146953	54.337	ug/l	95
45) 1,2-Dichloropropane	9.624	63	127009	53.009	ug/l	98
46) Dibromomethane	9.712	93	96024	52.944	ug/l #	87
47) Bromodichloromethane	9.888	83	217795	54.591	ug/l	95
48) Methyl methacrylate	9.682	41	133428	52.877	ug/l	89
49) 1,4-Dioxane	9.700	88	41235	982.272	ug/l #	87
51) 4-Methyl-2-Pentanone	10.447	43	632688	249.576	ug/l	100
52) Toluene	10.630	92	353016	54.712	ug/l	99
53) t-1,3-Dichloropropene	10.835	75	225806	55.088	ug/l	98
54) cis-1,3-Dichloropropene	10.312	75	232648	55.555	ug/l	95
55) 1,1,2-Trichloroethane	11.018	97	131179	53.268	ug/l	98
56) Ethyl methacrylate	10.877	69	144834	57.570	ug/l	96
57) 1,3-Dichloropropane	11.165	76	227871	52.998	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.159	63	321442	226.795	ug/l	100
59) 2-Hexanone	11.194	43	474778	233.071	ug/l	96
60) Dibromochloromethane	11.359	129	167578	56.839	ug/l	100
61) 1,2-Dibromoethane	11.471	107	132713	52.825	ug/l	99
64) Tetrachloroethene	11.106	164	136293	58.647	ug/l	93
65) Chlorobenzene	11.894	112	375399	54.405	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.965	131	153545	57.343	ug/l	93
67) Ethyl Benzene	11.965	91	683116	55.636	ug/l	97
68) m/p-Xylenes	12.071	106	512500	114.480	ug/l	89
69) o-Xylene	12.400	106	250718	59.426	ug/l	90
70) Styrene	12.412	104	368001	58.603	ug/l	93
71) Bromoform	12.576	173	110457	55.625	ug/l #	99
73) Isopropylbenzene	12.700	105	647859	54.229	ug/l	99
74) N-amyl acetate	12.494	43	177250	47.577	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.941	83	167772	46.921	ug/l	98
76) 1,2,3-Trichloropropane	12.994	75	186027m	49.385	ug/l	
77) Bromobenzene	12.982	156	157115	52.163	ug/l	95
78) n-propylbenzene	13.041	91	714736	53.501	ug/l	99
79) 2-Chlorotoluene	13.123	91	461473	53.185	ug/l	98
80) 1,3,5-Trimethylbenzene	13.176	105	560079	53.856	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.735	75	55761	50.013	ug/l	88
82) 4-Chlorotoluene	13.223	91	472846	53.196	ug/l	96
83) tert-Butylbenzene	13.441	119	453393	54.366	ug/l	94
84) 1,2,4-Trimethylbenzene	13.482	105	567633	55.432	ug/l	96
85) sec-Butylbenzene	13.618	105	571099	54.133	ug/l	99
86) p-Isopropyltoluene	13.729	119	527372	55.959	ug/l	98
87) 1,3-Dichlorobenzene	13.735	146	276945	51.034	ug/l	99
88) 1,4-Dichlorobenzene	13.812	146	277028	50.798	ug/l	98
89) n-Butylbenzene	14.059	91	411686	52.191	ug/l	99
90) Hexachloroethane	14.335	117	95835	52.161	ug/l	74
91) 1,2-Dichlorobenzene	14.106	146	270134	52.019	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.723	75	38513	46.372	ug/l	96
93) 1,2,4-Trichlorobenzene	15.394	180	140918	46.657	ug/l	94
94) Hexachlorobutadiene	15.500	225	80189	46.136	ug/l	99
95) Naphthalene	15.647	128	392933	44.864	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	137959	48.732	ug/l	99

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

