

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN111124\
 Data File : VN084763.D
 Acq On : 11 Nov 2024 10:54
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : John Carlone 11/11/2024
 Supervised By : Mahesh Dadoda 11/12/2024

Quant Time: Nov 11 11:50:47 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

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

Internal Standards						
1) Pentafluorobenzene	8.218	168	166446	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	270648	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	238712	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	124434	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	113027	47.015	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	94.040%
35) Dibromofluoromethane	8.165	113	92661	50.580	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	101.160%
50) Toluene-d8	10.565	98	328558	48.687	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	97.380%
62) 4-Bromofluorobenzene	12.847	95	131064	51.967	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	103.940%

Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.124	85	84174	43.991	ug/l	96
3) Chloromethane	2.359	50	91149	40.098	ug/l	98
4) Vinyl Chloride	2.512	62	90263	43.860	ug/l	98
5) Bromomethane	2.901	94	51203	46.958	ug/l	99
6) Chloroethane	3.077	64	60880	47.726	ug/l	96
7) Trichlorofluoromethane	3.471	101	163519	48.234	ug/l	97
8) Diethyl Ether	3.953	74	58712	49.095	ug/l	96
9) 1,1,2-Trichlorotrifluo...	4.359	101	91907	47.978	ug/l	97
10) Methyl Iodide	4.583	142	127633	49.853	ug/l	97
11) Tert butyl alcohol	5.530	59	86050	271.171	ug/l	98
12) 1,1-Dichloroethene	4.330	96	86792	45.789	ug/l	95
13) Acrolein	4.171	56	66268	209.424	ug/l	100
14) Allyl chloride	5.018	41	143357	46.636	ug/l	92
15) Acrylonitrile	5.712	53	247053	268.931	ug/l	98
16) Acetone	4.424	43	211776	305.595	ug/l	95
17) Carbon Disulfide	4.700	76	229303	39.283	ug/l	99
18) Methyl Acetate	5.018	43	124245	48.890	ug/l	96
19) Methyl tert-butyl Ether	5.795	73	308982	53.183	ug/l	96
20) Methylene Chloride	5.271	84	102299	48.382	ug/l	88
21) trans-1,2-Dichloroethene	5.777	96	91997	47.267	ug/l	97
22) Diisopropyl ether	6.665	45	301392	49.344	ug/l	97
23) Vinyl Acetate	6.600	43	1086820	258.019	ug/l	97
24) 1,1-Dichloroethane	6.559	63	176476	48.124	ug/l	99
25) 2-Butanone	7.483	43	312670	278.781	ug/l	99
26) 2,2-Dichloropropane	7.483	77	156025	48.884	ug/l	98
27) cis-1,2-Dichloroethene	7.483	96	111780	49.185	ug/l	94
28) Bromochloromethane	7.812	49	79339	54.304	ug/l	87
29) Tetrahydrofuran	7.836	42	199372	267.951	ug/l	93
30) Chloroform	7.965	83	187932	50.351	ug/l	99
31) Cyclohexane	8.253	56	141347	42.587	ug/l	99
32) 1,1,1-Trichloroethane	8.165	97	170235	50.110	ug/l	98
36) 1,1-Dichloropropene	8.371	75	119899	47.191	ug/l	98
37) Ethyl Acetate	7.553	43	126440	54.851	ug/l	98
38) Carbon Tetrachloride	8.359	117	146629	51.633	ug/l	97
39) Methylcyclohexane	9.600	83	131208	50.763	ug/l	98
40) Benzene	8.606	78	400092	49.035	ug/l	99

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41) Methacrylonitrile	7.771	41	71755	57.885	ug/l	98
42) 1,2-Dichloroethane	8.665	62	136041	51.482	ug/l	99
43) Isopropyl Acetate	8.688	43	213108	50.042	ug/l	97
44) Trichloroethene	9.347	130	91293	48.515	ug/l	96
45) 1,2-Dichloropropane	9.618	63	98068	51.236	ug/l	97
46) Dibromomethane	9.706	93	70386	52.114	ug/l	95
47) Bromodichloromethane	9.882	83	153028	53.751	ug/l #	96
48) Methyl methacrylate	9.677	41	98683	55.006	ug/l	93
49) 1,4-Dioxane	9.694	88	37307	1173.486	ug/l	98
51) 4-Methyl-2-Pentanone	10.441	43	647585	294.690	ug/l	97
52) Toluene	10.630	92	249401	52.263	ug/l	100
53) t-1,3-Dichloropropene	10.835	75	147017	49.888	ug/l	100
54) cis-1,3-Dichloropropene	10.312	75	158062	50.677	ug/l	95
55) 1,1,2-Trichloroethane	11.012	97	96183	53.508	ug/l	97
56) Ethyl methacrylate	10.871	69	157941	60.744	ug/l	93
57) 1,3-Dichloropropane	11.159	76	162845	52.786	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.159	63	338599	278.300	ug/l	96
59) 2-Hexanone	11.194	43	478507	299.154	ug/l	96
60) Dibromochloromethane	11.359	129	118310	57.750	ug/l	100
61) 1,2-Dibromoethane	11.465	107	96259	52.293	ug/l	99
64) Tetrachloroethene	11.100	164	80569	50.742	ug/l	97
65) Chlorobenzene	11.888	112	264984	49.619	ug/l	95
66) 1,1,1,2-Tetrachloroethane	11.959	131	101669	54.732	ug/l	98
67) Ethyl Benzene	11.965	91	465784	52.251	ug/l	99
68) m/p-Xylenes	12.071	106	363586	107.734	ug/l	100
69) o-Xylene	12.400	106	178745	56.617	ug/l	98
70) Styrene	12.412	104	303645	55.134	ug/l	98
71) Bromoform	12.576	173	82078	58.721	ug/l #	99
73) Isopropylbenzene	12.694	105	446708	51.228	ug/l	99
74) N-amyl acetate	12.494	43	188248	50.722	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.935	83	142997	49.129	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	118247m	47.539	ug/l	
77) Bromobenzene	12.976	156	113359	48.357	ug/l	93
78) n-propylbenzene	13.035	91	524800	51.358	ug/l	98
79) 2-Chlorotoluene	13.123	91	333703	49.979	ug/l	100
80) 1,3,5-Trimethylbenzene	13.171	105	393675	54.470	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.735	75	50917	48.563	ug/l	96
82) 4-Chlorotoluene	13.218	91	335959	47.812	ug/l	99
83) tert-Butylbenzene	13.435	119	335070	56.018	ug/l	98
84) 1,2,4-Trimethylbenzene	13.482	105	401540	53.831	ug/l	98
85) sec-Butylbenzene	13.612	105	446905	52.893	ug/l	100
86) p-Isopropyltoluene	13.729	119	381882	55.110	ug/l	99
87) 1,3-Dichlorobenzene	13.729	146	209698	45.837	ug/l	98
88) 1,4-Dichlorobenzene	13.812	146	207944	49.560	ug/l	99
89) n-Butylbenzene	14.053	91	312135	48.155	ug/l	99
90) Hexachloroethane	14.329	117	73088	47.297	ug/l	94
91) 1,2-Dichlorobenzene	14.106	146	207866	47.283	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.717	75	30432	51.610	ug/l	94
93) 1,2,4-Trichlorobenzene	15.388	180	110955	46.111	ug/l	100
94) Hexachlorobutadiene	15.500	225	49394	46.744	ug/l	96
95) Naphthalene	15.641	128	367171	50.979	ug/l	100
96) 1,2,3-Trichlorobenzene	15.841	180	109885	47.044	ug/l	99

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

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