

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN111324\
 Data File : VN084840.D
 Acq On : 13 Nov 2024 20:47
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

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

Quant Time: Nov 14 00:43:57 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	159469	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	273747	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	250604	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	124939	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.571	65	116635	50.639	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 101.280%			
35) Dibromofluoromethane	8.159	113	93412	50.413	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 100.820%			
50) Toluene-d8	10.565	98	351659	51.520	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 103.040%			
62) 4-Bromofluorobenzene	12.847	95	150402	58.959	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 117.920%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.118	85	89634	48.894	ug/l	96
3) Chloromethane	2.360	50	91968	42.369	ug/l	98
4) Vinyl Chloride	2.512	62	105890	53.704	ug/l	97
5) Bromomethane	2.901	94	57293	54.842	ug/l	95
6) Chloroethane	3.065	64	71072	58.467	ug/l #	88
7) Trichlorofluoromethane	3.465	101	169345	52.138	ug/l	98
8) Diethyl Ether	3.948	74	61998	54.111	ug/l	97
9) 1,1,2-Trichlorotrifluo...	4.354	101	95203	51.873	ug/l	97
10) Methyl Iodide	4.577	142	132545	54.037	ug/l	95
11) Tert butyl alcohol	5.536	59	85384	280.845	ug/l	99
12) 1,1-Dichloroethene	4.324	96	94081	51.806	ug/l	96
13) Acrolein	4.171	56	85154	280.883	ug/l	96
14) Allyl chloride	5.006	41	151793	51.540	ug/l	93
15) Acrylonitrile	5.712	53	241668	274.579	ug/l	99
16) Acetone	4.424	43	184504	277.628	ug/l	94
17) Carbon Disulfide	4.695	76	253008	45.240	ug/l	99
18) Methyl Acetate	5.012	43	122182	50.297	ug/l	99
19) Methyl tert-butyl Ether	5.795	73	321505	57.760	ug/l	96
20) Methylene Chloride	5.259	84	102579	50.637	ug/l	85
21) trans-1,2-Dichloroethene	5.777	96	96137	51.555	ug/l	98
22) Diisopropyl ether	6.671	45	314634	53.765	ug/l	96
23) Vinyl Acetate	6.600	43	1133540	280.885	ug/l	99
24) 1,1-Dichloroethane	6.559	63	187279	53.304	ug/l	99
25) 2-Butanone	7.483	43	306171	284.929	ug/l	98
26) 2,2-Dichloropropane	7.483	77	155495	50.849	ug/l	99
27) cis-1,2-Dichloroethene	7.483	96	116310	53.418	ug/l	95
28) Bromochloromethane	7.806	49	67587	48.284	ug/l	88
29) Tetrahydrofuran	7.836	42	194833	273.307	ug/l	92
30) Chloroform	7.959	83	192843	53.927	ug/l	100
31) Cyclohexane	8.253	56	154639	48.630	ug/l	99
32) 1,1,1-Trichloroethane	8.159	97	181465	55.753	ug/l	96
36) 1,1-Dichloropropene	8.365	75	134002	52.145	ug/l	98
37) Ethyl Acetate	7.559	43	124715	53.490	ug/l	98
38) Carbon Tetrachloride	8.359	117	154317	53.725	ug/l	97
39) Methylcyclohexane	9.594	83	156499	59.862	ug/l	96
40) Benzene	8.600	78	419861	50.875	ug/l	97

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41) Methacrylonitrile	7.777	41	70098	55.908	ug/l	94
42) 1,2-Dichloroethane	8.665	62	142212	53.208	ug/l	99
43) Isopropyl Acetate	8.689	43	232712	54.106	ug/l	98
44) Trichloroethene	9.347	130	100431	52.767	ug/l	99
45) 1,2-Dichloropropane	9.618	63	101637	52.500	ug/l	96
46) Dibromomethane	9.706	93	71686	52.476	ug/l	96
47) Bromodichloromethane	9.883	83	154654	53.707	ug/l #	97
48) Methyl methacrylate	9.677	41	104667	57.681	ug/l	95
49) 1,4-Dioxane	9.694	88	36846	1145.865	ug/l #	81
51) 4-Methyl-2-Pentanone	10.441	43	632475	284.556	ug/l	97
52) Toluene	10.630	92	267378	55.396	ug/l	98
53) t-1,3-Dichloropropene	10.830	75	157611	52.877	ug/l	99
54) cis-1,3-Dichloropropene	10.312	75	169165	53.623	ug/l	96
55) 1,1,2-Trichloroethane	11.012	97	97419	53.582	ug/l	96
56) Ethyl methacrylate	10.871	69	170290	64.752	ug/l	93
57) 1,3-Dichloropropane	11.159	76	172727	55.355	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.159	63	359121	291.826	ug/l	95
59) 2-Hexanone	11.194	43	476745	294.678	ug/l	96
60) Dibromochloromethane	11.359	129	116137	56.047	ug/l	99
61) 1,2-Dibromoethane	11.465	107	101967	54.767	ug/l	98
64) Tetrachloroethene	11.100	164	87162	52.289	ug/l	97
65) Chlorobenzene	11.888	112	285367	50.900	ug/l	95
66) 1,1,1,2-Tetrachloroethane	11.959	131	104465	53.569	ug/l	96
67) Ethyl Benzene	11.959	91	516533	55.195	ug/l	99
68) m/p-Xylenes	12.071	106	388754	109.725	ug/l	99
69) o-Xylene	12.394	106	196248	59.211	ug/l	98
70) Styrene	12.406	104	323933	56.027	ug/l	100
71) Bromoform	12.576	173	77070	52.522	ug/l #	98
73) Isopropylbenzene	12.694	105	489043	55.856	ug/l	100
74) N-amyl acetate	12.488	43	207914	55.794	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.935	83	143656	49.156	ug/l	98
76) 1,2,3-Trichloropropane	12.988	75	128222m	51.341	ug/l	
77) Bromobenzene	12.976	156	115700	49.156	ug/l	95
78) n-propylbenzene	13.035	91	564929	55.062	ug/l	91
79) 2-Chlorotoluene	13.124	91	354716	52.912	ug/l	100
80) 1,3,5-Trimethylbenzene	13.171	105	406969	56.082	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.735	75	49939	47.438	ug/l	98
82) 4-Chlorotoluene	13.218	91	339410	48.108	ug/l	98
83) tert-Butylbenzene	13.435	119	344140	57.302	ug/l	97
84) 1,2,4-Trimethylbenzene	13.476	105	424088	56.624	ug/l	97
85) sec-Butylbenzene	13.612	105	499081	58.830	ug/l	98
86) p-Isopropyltoluene	13.723	119	407741	58.604	ug/l	98
87) 1,3-Dichlorobenzene	13.729	146	214195	46.630	ug/l	98
88) 1,4-Dichlorobenzene	13.812	146	208264	49.432	ug/l	99
89) n-Butylbenzene	14.053	91	345547	53.094	ug/l	98
90) Hexachloroethane	14.329	117	71856	46.311	ug/l	94
91) 1,2-Dichlorobenzene	14.100	146	210190	47.619	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.718	75	30463	51.454	ug/l	97
93) 1,2,4-Trichlorobenzene	15.388	180	113492	46.975	ug/l	98
94) Hexachlorobutadiene	15.494	225	49557	46.709	ug/l	98
95) Naphthalene	15.635	128	417086	57.676	ug/l	98
96) 1,2,3-Trichlorobenzene	15.835	180	111324	47.467	ug/l	97

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

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