

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091624\
 Data File : VN083906.D
 Acq On : 16 Sep 2024 08:53
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Quant Time: Sep 17 02:26:12 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N091024W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 11 15:18:56 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :John Carlone 09/17/2024
 Supervised By :Mahesh Dadoda 09/17/2024

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	155819	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	266891	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	238671	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	117700	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	120599	51.329	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 102.660%			
35) Dibromofluoromethane	8.165	113	89418	52.334	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 104.660%			
50) Toluene-d8	10.565	98	316123	53.519	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 107.040%			
62) 4-Bromofluorobenzene	12.847	95	123450	50.657	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 101.320%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.124	85	89369	49.386	ug/l	98
3) Chloromethane	2.359	50	92838	50.249	ug/l	94
4) Vinyl Chloride	2.512	62	94891	47.841	ug/l	95
5) Bromomethane	2.948	94	60509	53.133	ug/l	99
6) Chloroethane	3.118	64	62541	44.950	ug/l	99
7) Trichlorofluoromethane	3.495	101	159816	47.468	ug/l	100
8) Diethyl Ether	3.959	74	54428	48.226	ug/l	95
9) 1,1,2-Trichlorotrifluo...	4.371	101	87372	48.960	ug/l	98
10) Methyl Iodide	4.589	142	105378	46.430	ug/l	93
11) Tert butyl alcohol	5.524	59	95790	304.459	ug/l	100
12) 1,1-Dichloroethene	4.336	96	81284	48.230	ug/l	92
13) Acrolein	4.177	56	70900	228.393	ug/l	97
14) Allyl chloride	5.018	41	136006	45.289	ug/l	89
15) Acrylonitrile	5.718	53	223517	261.233	ug/l	99
16) Acetone	4.424	43	256329	272.149	ug/l	97
17) Carbon Disulfide	4.712	76	214900	45.584	ug/l	98
18) Methyl Acetate	5.018	43	110156	56.369	ug/l	98
19) Methyl tert-butyl Ether	5.794	73	304799	49.978	ug/l	96
20) Methylene Chloride	5.271	84	93711	48.620	ug/l	96
21) trans-1,2-Dichloroethene	5.783	96	85274	47.213	ug/l	94
22) Diisopropyl ether	6.671	45	316381	51.179	ug/l	97
23) Vinyl Acetate	6.600	43	1198277	264.690	ug/l	98
24) 1,1-Dichloroethane	6.571	63	176362	49.519	ug/l	98
25) 2-Butanone	7.483	43	335062	270.661	ug/l	98
26) 2,2-Dichloropropane	7.488	77	166872	50.877	ug/l	100
27) cis-1,2-Dichloroethene	7.488	96	106429	49.638	ug/l	98
28) Bromochloromethane	7.812	49	81129	54.092	ug/l	96
29) Tetrahydrofuran	7.835	42	200201	273.505	ug/l	98
30) Chloroform	7.965	83	188996	49.985	ug/l	100
31) Cyclohexane	8.259	56	147022	43.296	ug/l	97
32) 1,1,1-Trichloroethane	8.165	97	172086	49.497	ug/l	98
36) 1,1-Dichloropropene	8.371	75	127207	49.464	ug/l	100
37) Ethyl Acetate	7.559	43	131792	56.458	ug/l	97
38) Carbon Tetrachloride	8.359	117	148992	51.067	ug/l	100
39) Methylcyclohexane	9.600	83	141911	48.480	ug/l	99
40) Benzene	8.606	78	384652	49.694	ug/l	100

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 Quant Title : SW846 8260
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	75542	54.715	ug/l	98
42) 1,2-Dichloroethane	8.671	62	148729	51.422	ug/l	98
43) Isopropyl Acetate	8.688	43	229081	54.155	ug/l	99
44) Trichloroethene	9.347	130	95775	53.431	ug/l	100
45) 1,2-Dichloropropane	9.618	63	94793	50.669	ug/l	98
46) Dibromomethane	9.706	93	69240	52.839	ug/l	99
47) Bromodichloromethane	9.888	83	152855	53.899	ug/l	96
48) Methyl methacrylate	9.682	41	110027	54.823	ug/l	95
49) 1,4-Dioxane	9.694	88	35583	1077.771	ug/l #	100
51) 4-Methyl-2-Pentanone	10.441	43	661161	287.128	ug/l	98
52) Toluene	10.629	92	242436	51.205	ug/l	96
53) t-1,3-Dichloropropene	10.835	75	156799	54.547	ug/l	95
54) cis-1,3-Dichloropropene	10.312	75	161950	53.634	ug/l	98
55) 1,1,2-Trichloroethane	11.018	97	90733	51.332	ug/l	98
56) Ethyl methacrylate	10.871	69	155094	57.031	ug/l	97
57) 1,3-Dichloropropane	11.165	76	158619	52.213	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.159	63	339918	346.893	ug/l	97
59) 2-Hexanone	11.194	43	502656	295.100	ug/l	98
60) Dibromochloromethane	11.359	129	111096	56.161	ug/l	100
61) 1,2-Dibromoethane	11.465	107	92643	52.554	ug/l	100
64) Tetrachloroethene	11.100	164	76827	48.404	ug/l	96
65) Chlorobenzene	11.888	112	258812	48.790	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.959	131	93621	50.910	ug/l	99
67) Ethyl Benzene	11.965	91	476269	50.542	ug/l	99
68) m/p-Xylenes	12.070	106	356022	101.764	ug/l	99
69) o-Xylene	12.394	106	174830	51.621	ug/l	97
70) Styrene	12.412	104	297966	53.608	ug/l	100
71) Bromoform	12.576	173	72749	58.707	ug/l #	100
73) Isopropylbenzene	12.694	105	451875	49.624	ug/l	100
74) N-amyl acetate	12.494	43	210770	54.250	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.935	83	130669	48.839	ug/l	100
76) 1,2,3-Trichloropropane	12.994	75	112696m	47.452	ug/l	
77) Bromobenzene	12.976	156	104735	47.782	ug/l	99
78) n-propylbenzene	13.035	91	540044	50.972	ug/l	99
79) 2-Chlorotoluene	13.123	91	331064	48.996	ug/l	99
80) 1,3,5-Trimethylbenzene	13.170	105	385552	50.220	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.735	75	49838	54.961	ug/l	98
82) 4-Chlorotoluene	13.217	91	337948	49.840	ug/l	100
83) tert-Butylbenzene	13.435	119	329495	49.056	ug/l	99
84) 1,2,4-Trimethylbenzene	13.482	105	390240	50.603	ug/l	99
85) sec-Butylbenzene	13.617	105	460914	51.742	ug/l	99
86) p-Isopropyltoluene	13.729	119	385591	51.638	ug/l	99
87) 1,3-Dichlorobenzene	13.729	146	199678	48.270	ug/l	99
88) 1,4-Dichlorobenzene	13.812	146	195762	46.736	ug/l	100
89) n-Butylbenzene	14.053	91	348078	51.918	ug/l	98
90) Hexachloroethane	14.335	117	71556	47.671	ug/l	98
91) 1,2-Dichlorobenzene	14.106	146	191076	47.861	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.717	75	27849	52.216	ug/l	96
93) 1,2,4-Trichlorobenzene	15.388	180	100105	46.727	ug/l	98
94) Hexachlorobutadiene	15.500	225	43612	47.935	ug/l	100
95) Naphthalene	15.641	128	325598	49.955	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	97074	47.412	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

