

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN092324\
 Data File : VN084120.D
 Acq On : 23 Sep 2024 19:29
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Sep 24 05:01:20 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 09/24/2024
 Supervised By : Mahesh Dadoda 09/24/2024

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	140027	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	248524	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	223028	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	112761	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	106584	50.480	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 100.960%			
35) Dibromofluoromethane	8.165	113	78338	49.238	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 98.480%			
50) Toluene-d8	10.565	98	280910	51.072	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 102.140%			
62) 4-Bromofluorobenzene	12.847	95	109764	48.370	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 96.740%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.124	85	67244	41.351	ug/l	97
3) Chloromethane	2.359	50	74280	44.528	ug/l	95
4) Vinyl Chloride	2.512	62	77228	43.327	ug/l	96
5) Bromomethane	2.948	94	46351	45.291	ug/l	98
6) Chloroethane	3.118	64	49843	39.864	ug/l	97
7) Trichlorofluoromethane	3.495	101	132641	43.839	ug/l	97
8) Diethyl Ether	3.959	74	48557	47.876	ug/l	94
9) 1,1,2-Trichlorotrifluo...	4.371	101	75559	47.115	ug/l	98
10) Methyl Iodide	4.589	142	90499	44.371	ug/l	97
11) Tert butyl alcohol	5.518	59	85356	301.892	ug/l	98
12) 1,1-Dichloroethene	4.336	96	69876	46.137	ug/l	88
13) Acrolein	4.177	56	94793	339.799	ug/l	97
14) Allyl chloride	5.024	41	119571	44.307	ug/l	96
15) Acrylonitrile	5.718	53	215325	280.040	ug/l	100
16) Acetone	4.430	43	192732	227.704	ug/l	100
17) Carbon Disulfide	4.712	76	167891	39.629	ug/l	96
18) Methyl Acetate	5.024	43	108501	61.969	ug/l	99
19) Methyl tert-butyl Ether	5.794	73	269608	49.193	ug/l	97
20) Methylene Chloride	5.277	84	84184	48.603	ug/l	97
21) trans-1,2-Dichloroethene	5.789	96	72700	44.790	ug/l	94
22) Diisopropyl ether	6.671	45	291132	52.406	ug/l	98
23) Vinyl Acetate	6.600	43	1081117	265.743	ug/l	98
24) 1,1-Dichloroethane	6.565	63	156427	48.875	ug/l	98
25) 2-Butanone	7.483	43	295227	265.378	ug/l	99
26) 2,2-Dichloropropane	7.488	77	131822	44.724	ug/l	98
27) cis-1,2-Dichloroethene	7.488	96	95030	49.320	ug/l	100
28) Bromochloromethane	7.812	49	72790	54.005	ug/l	95
29) Tetrahydrofuran	7.835	42	189341	287.841	ug/l	97
30) Chloroform	7.965	83	166362	48.961	ug/l	99
31) Cyclohexane	8.259	56	122580	40.169	ug/l	96
32) 1,1,1-Trichloroethane	8.165	97	146666	46.943	ug/l	98
36) 1,1-Dichloropropene	8.371	75	107293	44.804	ug/l	99
37) Ethyl Acetate	7.559	43	121984	56.119	ug/l	97
38) Carbon Tetrachloride	8.359	117	124367	45.777	ug/l	99
39) Methylcyclohexane	9.600	83	112673	41.336	ug/l	99
40) Benzene	8.606	78	345346	47.913	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	68675	53.417	ug/l	99
42) 1,2-Dichloroethane	8.671	62	128404	47.675	ug/l	100
43) Isopropyl Acetate	8.688	43	211813	53.773	ug/l	99
44) Trichloroethene	9.353	130	78048	46.760	ug/l	94
45) 1,2-Dichloropropane	9.618	63	86472	49.637	ug/l	98
46) Dibromomethane	9.706	93	61422	50.337	ug/l	99
47) Bromodichloromethane	9.888	83	136957	51.862	ug/l	99
48) Methyl methacrylate	9.682	41	100158	53.594	ug/l	99
49) 1,4-Dioxane	9.694	88	34162	1111.201	ug/l #	96
51) 4-Methyl-2-Pentanone	10.447	43	623576	290.819	ug/l	98
52) Toluene	10.629	92	214518	48.657	ug/l	96
53) t-1,3-Dichloropropene	10.835	75	136021	50.816	ug/l	96
54) cis-1,3-Dichloropropene	10.312	75	141306	50.256	ug/l	98
55) 1,1,2-Trichloroethane	11.018	97	83767	50.893	ug/l	96
56) Ethyl methacrylate	10.871	69	140480	55.474	ug/l	99
57) 1,3-Dichloropropane	11.165	76	145656	51.490	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.159	63	322529	353.473	ug/l	97
59) 2-Hexanone	11.194	43	456662	287.911	ug/l	99
60) Dibromochloromethane	11.359	129	100273	54.436	ug/l	99
61) 1,2-Dibromoethane	11.470	107	83289	50.740	ug/l	99
64) Tetrachloroethene	11.100	164	64844	43.719	ug/l	96
65) Chlorobenzene	11.888	112	229502	46.300	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.959	131	81375	47.355	ug/l	97
67) Ethyl Benzene	11.965	91	420620	47.767	ug/l	100
68) m/p-Xylenes	12.070	106	310763	95.058	ug/l	99
69) o-Xylene	12.400	106	150857	47.667	ug/l	99
70) Styrene	12.412	104	264279	50.882	ug/l	99
71) Bromoform	12.576	173	63206	54.583	ug/l #	99
73) Isopropylbenzene	12.694	105	395048	45.283	ug/l	98
74) N-amyl acetate	12.494	43	189662	50.956	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.935	83	123439	48.157	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	104973m	46.136	ug/l	
77) Bromobenzene	12.982	156	92096	43.856	ug/l	98
78) n-propylbenzene	13.035	91	472443	46.544	ug/l	98
79) 2-Chlorotoluene	13.123	91	294388	45.477	ug/l	99
80) 1,3,5-Trimethylbenzene	13.170	105	336455	45.745	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.735	75	42703	49.155	ug/l	97
82) 4-Chlorotoluene	13.217	91	298914	46.014	ug/l	100
83) tert-Butylbenzene	13.435	119	289867	45.046	ug/l	99
84) 1,2,4-Trimethylbenzene	13.482	105	345403	46.750	ug/l	99
85) sec-Butylbenzene	13.617	105	397885	46.623	ug/l	100
86) p-Isopropyltoluene	13.729	119	332638	46.498	ug/l	99
87) 1,3-Dichlorobenzene	13.729	146	172720	43.582	ug/l	100
88) 1,4-Dichlorobenzene	13.812	146	173587	43.257	ug/l	100
89) n-Butylbenzene	14.053	91	286998	44.683	ug/l	99
90) Hexachloroethane	14.335	117	65652	45.653	ug/l	98
91) 1,2-Dichlorobenzene	14.106	146	171331	44.795	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.717	75	25449	49.806	ug/l	98
93) 1,2,4-Trichlorobenzene	15.394	180	80937	39.434	ug/l	99
94) Hexachlorobutadiene	15.500	225	36608	41.999	ug/l	99
95) Naphthalene	15.641	128	281379	45.062	ug/l	100
96) 1,2,3-Trichlorobenzene	15.841	180	82077	41.843	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

