

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091824\
 Data File : VN084005.D
 Acq On : 19 Sep 2024 02:19
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Quant Time: Sep 19 05:44:50 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 09/19/2024
 Supervised By : Mahesh Dadoda 09/19/2024

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	152910	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	269719	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	237477	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	114641	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	117349	50.896	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	101.800%		
35) Dibromofluoromethane	8.165	113	83674	48.459	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	96.920%		
50) Toluene-d8	10.565	98	302915	50.745	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	101.500%		
62) 4-Bromofluorobenzene	12.847	95	118245	48.013	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	96.020%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.124	85	76564	43.115	ug/l	100
3) Chloromethane	2.359	50	77544	42.484	ug/l	98
4) Vinyl Chloride	2.512	62	80347	41.279	ug/l	97
5) Bromomethane	2.948	94	51727	46.285	ug/l	98
6) Chloroethane	3.118	64	53481	39.170	ug/l #	85
7) Trichlorofluoromethane	3.495	101	144362	43.693	ug/l	97
8) Diethyl Ether	3.959	74	52435	47.344	ug/l	97
9) 1,1,2-Trichlorotrifluo...	4.365	101	77914	44.491	ug/l	99
10) Methyl Iodide	4.589	142	98738	44.332	ug/l	94
11) Tert butyl alcohol	5.512	59	89107	288.606	ug/l	98
12) 1,1-Dichloroethene	4.342	96	73516	44.451	ug/l	97
13) Acrolein	4.177	56	61388	201.514	ug/l	99
14) Allyl chloride	5.018	41	122449	41.551	ug/l	91
15) Acrylonitrile	5.718	53	211849	252.306	ug/l	100
16) Acetone	4.424	43	189576	205.105	ug/l	98
17) Carbon Disulfide	4.712	76	180192	38.949	ug/l	98
18) Methyl Acetate	5.018	43	106524	55.519	ug/l	98
19) Methyl tert-butyl Ether	5.794	73	288583	48.219	ug/l	96
20) Methylene Chloride	5.271	84	88348	46.710	ug/l	91
21) trans-1,2-Dichloroethene	5.789	96	76404	43.106	ug/l	94
22) Diisopropyl ether	6.671	45	298188	49.153	ug/l	97
23) Vinyl Acetate	6.600	43	1109491	249.740	ug/l	98
24) 1,1-Dichloroethane	6.571	63	164056	46.940	ug/l	98
25) 2-Butanone	7.483	43	287301	236.495	ug/l	97
26) 2,2-Dichloropropane	7.494	77	116399	36.164	ug/l	99
27) cis-1,2-Dichloroethene	7.488	96	99113	47.106	ug/l	98
28) Bromochloromethane	7.818	49	77054	52.352	ug/l	94
29) Tetrahydrofuran	7.835	42	185569	258.338	ug/l	97
30) Chloroform	7.965	83	176728	47.629	ug/l	95
31) Cyclohexane	8.253	56	130469	39.152	ug/l	99
32) 1,1,1-Trichloroethane	8.171	97	160909	47.163	ug/l	98
36) 1,1-Dichloropropene	8.371	75	117848	45.345	ug/l	97
37) Ethyl Acetate	7.559	43	121495	51.501	ug/l	98
38) Carbon Tetrachloride	8.359	117	134330	45.559	ug/l	100
39) Methylcyclohexane	9.600	83	122976	41.571	ug/l	98
40) Benzene	8.606	78	354504	45.319	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	66417	47.601	ug/l	97
42) 1,2-Dichloroethane	8.671	62	139608	47.762	ug/l	100
43) Isopropyl Acetate	8.688	43	242048	56.620	ug/l	98
44) Trichloroethene	9.353	130	84049	46.398	ug/l	98
45) 1,2-Dichloropropane	9.618	63	88061	46.577	ug/l	100
46) Dibromomethane	9.706	93	63293	47.794	ug/l	99
47) Bromodichloromethane	9.888	83	141478	49.364	ug/l	98
48) Methyl methacrylate	9.677	41	104086	51.319	ug/l	97
49) 1,4-Dioxane	9.700	88	33501	1004.070	ug/l #	100
51) 4-Methyl-2-Pentanone	10.441	43	633357	272.169	ug/l	96
52) Toluene	10.629	92	225373	47.102	ug/l	96
53) t-1,3-Dichloropropene	10.835	75	141386	48.669	ug/l	98
54) cis-1,3-Dichloropropene	10.312	75	143193	46.925	ug/l	94
55) 1,1,2-Trichloroethane	11.018	97	86473	48.409	ug/l	98
56) Ethyl methacrylate	10.876	69	149069	54.240	ug/l	97
57) 1,3-Dichloropropane	11.159	76	150220	48.930	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.159	63	321612	324.770	ug/l	97
59) 2-Hexanone	11.194	43	454071	263.782	ug/l	98
60) Dibromochloromethane	11.359	129	101871	50.958	ug/l	100
61) 1,2-Dibromoethane	11.471	107	85194	47.822	ug/l	100
64) Tetrachloroethene	11.100	164	71983	45.580	ug/l	95
65) Chlorobenzene	11.888	112	240221	45.513	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.959	131	86868	47.476	ug/l	98
67) Ethyl Benzene	11.965	91	446328	47.603	ug/l	98
68) m/p-Xylenes	12.071	106	331884	95.342	ug/l	100
69) o-Xylene	12.394	106	159629	47.370	ug/l	98
70) Styrene	12.412	104	276273	49.955	ug/l	99
71) Bromoform	12.576	173	65532	53.148	ug/l #	99
73) Isopropylbenzene	12.694	105	426708	48.110	ug/l	99
74) N-amyl acetate	12.494	43	199198	52.640	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.935	83	123944	47.561	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	121698m	52.610	ug/l	
77) Bromobenzene	12.982	156	96854	45.366	ug/l	98
78) n-propylbenzene	13.035	91	501670	48.613	ug/l	99
79) 2-Chlorotoluene	13.123	91	311583	47.344	ug/l	99
80) 1,3,5-Trimethylbenzene	13.170	105	353938	47.332	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.735	75	40551	45.912	ug/l	94
82) 4-Chlorotoluene	13.217	91	319487	48.375	ug/l	98
83) tert-Butylbenzene	13.435	119	313587	47.933	ug/l	99
84) 1,2,4-Trimethylbenzene	13.482	105	361359	48.108	ug/l	99
85) sec-Butylbenzene	13.617	105	426765	49.187	ug/l	99
86) p-Isopropyltoluene	13.729	119	352304	48.439	ug/l	99
87) 1,3-Dichlorobenzene	13.729	146	180834	44.881	ug/l	99
88) 1,4-Dichlorobenzene	13.812	146	183073	44.873	ug/l	100
89) n-Butylbenzene	14.053	91	308177	47.193	ug/l	99
90) Hexachloroethane	14.335	117	67834	46.397	ug/l	99
91) 1,2-Dichlorobenzene	14.106	146	178181	45.822	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.717	75	26339	50.702	ug/l	95
93) 1,2,4-Trichlorobenzene	15.394	180	90607	43.422	ug/l	98
94) Hexachlorobutadiene	15.500	225	38591	43.548	ug/l	98
95) Naphthalene	15.641	128	299548	47.185	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	88074	44.164	ug/l	99

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

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