

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091724\
 Data File : VN083956.D
 Acq On : 17 Sep 2024 19:30
 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 18 01:54:43 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 09/18/2024
 Supervised By :Mahesh Dadoda 09/18/2024

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	124982	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	223386	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	199716	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	99485	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	110870	58.831	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 117.660%			
35) Dibromofluoromethane	8.165	113	77654	54.300	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 108.600%			
50) Toluene-d8	10.565	98	280498	56.736	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 113.480%#			
62) 4-Bromofluorobenzene	12.847	95	108765	53.323	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 106.640%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.124	85	67147	46.261	ug/l	94
3) Chloromethane	2.359	50	73796	49.780	ug/l	99
4) Vinyl Chloride	2.512	62	75359	47.367	ug/l	97
5) Bromomethane	2.942	94	47138	51.604	ug/l	97
6) Chloroethane	3.112	64	50613	45.352	ug/l #	89
7) Trichlorofluoromethane	3.495	101	130986	48.504	ug/l	100
8) Diethyl Ether	3.965	74	45160	49.887	ug/l	94
9) 1,1,2-Trichlorotrifluo...	4.371	101	70017	48.915	ug/l	98
10) Methyl Iodide	4.589	142	88618	48.679	ug/l	95
11) Tert butyl alcohol	5.530	59	85260	337.852	ug/l	98
12) 1,1-Dichloroethene	4.336	96	67251	49.749	ug/l	98
13) Acrolein	4.177	56	62685	251.753	ug/l	99
14) Allyl chloride	5.018	41	112155	46.562	ug/l	93
15) Acrylonitrile	5.718	53	194812	283.861	ug/l	99
16) Acetone	4.430	43	176405	233.503	ug/l	99
17) Carbon Disulfide	4.712	76	168675	44.606	ug/l	99
18) Methyl Acetate	5.018	43	96069	61.458	ug/l	98
19) Methyl tert-butyl Ether	5.794	73	257840	52.710	ug/l	100
20) Methylene Chloride	5.277	84	78863	51.012	ug/l	92
21) trans-1,2-Dichloroethene	5.789	96	70568	48.710	ug/l	92
22) Diisopropyl ether	6.671	45	269603	54.372	ug/l	99
23) Vinyl Acetate	6.600	43	1025740	282.482	ug/l	98
24) 1,1-Dichloroethane	6.571	63	146434	51.260	ug/l	99
25) 2-Butanone	7.482	43	273797	275.742	ug/l	100
26) 2,2-Dichloropropane	7.488	77	122185	46.444	ug/l	99
27) cis-1,2-Dichloroethene	7.482	96	90248	52.477	ug/l	100
28) Bromochloromethane	7.812	49	71192	59.178	ug/l	94
29) Tetrahydrofuran	7.835	42	175011	298.083	ug/l	96
30) Chloroform	7.965	83	157064	51.789	ug/l	98
31) Cyclohexane	8.259	56	118868	43.642	ug/l	97
32) 1,1,1-Trichloroethane	8.165	97	143724	51.539	ug/l	96
36) 1,1-Dichloropropene	8.371	75	105469	48.999	ug/l	99
37) Ethyl Acetate	7.559	43	108399	55.481	ug/l	100
38) Carbon Tetrachloride	8.359	117	123190	50.447	ug/l	99
39) Methylcyclohexane	9.600	83	111097	45.345	ug/l	99
40) Benzene	8.606	78	320770	49.511	ug/l	100

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Quant Time: Sep 18 01:54:43 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

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	63317	54.792	ug/l	99
42) 1,2-Dichloroethane	8.671	62	125755	51.946	ug/l	100
43) Isopropyl Acetate	8.688	43	209016	59.034	ug/l	99
44) Trichloroethene	9.353	130	72745	48.487	ug/l	91
45) 1,2-Dichloropropane	9.618	63	81829	52.258	ug/l	99
46) Dibromomethane	9.706	93	59040	53.830	ug/l	98
47) Bromodichloromethane	9.888	83	128081	53.959	ug/l	97
48) Methyl methacrylate	9.682	41	95362	56.770	ug/l	96
49) 1,4-Dioxane	9.694	88	32684	1182.761	ug/l #	98
51) 4-Methyl-2-Pentanone	10.447	43	579926	300.898	ug/l	97
52) Toluene	10.629	92	203602	51.378	ug/l	97
53) t-1,3-Dichloropropene	10.835	75	126906	52.746	ug/l	100
54) cis-1,3-Dichloropropene	10.312	75	132569	52.454	ug/l	99
55) 1,1,2-Trichloroethane	11.018	97	77795	52.584	ug/l	97
56) Ethyl methacrylate	10.871	69	131858	57.929	ug/l	97
57) 1,3-Dichloropropane	11.165	76	136392	53.641	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.159	63	273177	333.076	ug/l	97
59) 2-Hexanone	11.194	43	424938	298.059	ug/l	97
60) Dibromochloromethane	11.359	129	93822	56.666	ug/l	100
61) 1,2-Dibromoethane	11.465	107	79357	53.784	ug/l	98
64) Tetrachloroethene	11.100	164	64008	48.193	ug/l	95
65) Chlorobenzene	11.888	112	216980	48.883	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.959	131	78376	50.933	ug/l	99
67) Ethyl Benzene	11.965	91	399288	50.638	ug/l	99
68) m/p-Xylenes	12.070	106	295234	100.849	ug/l	99
69) o-Xylene	12.400	106	144653	51.042	ug/l	99
70) Styrene	12.412	104	250352	53.827	ug/l	99
71) Bromoform	12.576	173	59898	57.764	ug/l #	99
73) Isopropylbenzene	12.694	105	377533	49.051	ug/l	100
74) N-amyl acetate	12.494	43	180019	54.819	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.935	83	115647	51.138	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	96805m	48.224	ug/l	
77) Bromobenzene	12.976	156	86561	46.721	ug/l	98
78) n-propylbenzene	13.035	91	447993	50.025	ug/l	98
79) 2-Chlorotoluene	13.123	91	277433	48.577	ug/l	99
80) 1,3,5-Trimethylbenzene	13.170	105	319911	49.300	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.735	75	39154	51.084	ug/l	95
82) 4-Chlorotoluene	13.223	91	279952	48.846	ug/l	99
83) tert-Butylbenzene	13.435	119	277668	48.908	ug/l	100
84) 1,2,4-Trimethylbenzene	13.482	105	323422	49.617	ug/l	99
85) sec-Butylbenzene	13.617	105	378644	50.289	ug/l	99
86) p-Isopropyltoluene	13.729	119	314842	49.883	ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	166200	47.533	ug/l	99
88) 1,4-Dichlorobenzene	13.812	146	164485	46.459	ug/l	100
89) n-Butylbenzene	14.053	91	274759	48.486	ug/l	98
90) Hexachloroethane	14.329	117	60035	47.318	ug/l	98
91) 1,2-Dichlorobenzene	14.106	146	162035	48.018	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.717	75	25065	55.600	ug/l	98
93) 1,2,4-Trichlorobenzene	15.394	180	80371	44.384	ug/l	98
94) Hexachlorobutadiene	15.500	225	34464	44.816	ug/l	99
95) Naphthalene	15.641	128	269153	48.856	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	78714	45.484	ug/l	99

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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

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

