

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120224\
 Data File : VN085062.D
 Acq On : 02 Dec 2024 10:31
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Quant Time: Dec 03 00:45:13 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N112224W.M
 Quant Title : SW846 8260
 QLast Update : Sat Nov 23 02:54:10 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 12/03/2024
 Supervised By : Mahesh Dadoda 12/03/2024

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

Internal Standards						
1) Pentafluorobenzene	8.218	168	149622	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.094	114	240269	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.859	117	212656	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	111925	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.571	65	103493	48.560	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	97.120%
35) Dibromofluoromethane	8.159	113	82921	51.177	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	102.360%
50) Toluene-d8	10.565	98	285401	49.150	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	98.300%
62) 4-Bromofluorobenzene	12.847	95	112179	51.659	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	103.320%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.118	85	74073	43.782	ug/l	99
3) Chloromethane	2.359	50	75452	38.451	ug/l	95
4) Vinyl Chloride	2.512	62	74694	42.357	ug/l	97
5) Bromomethane	2.906	94	44732	45.257	ug/l	95
6) Chloroethane	3.077	64	51325	43.181	ug/l	95
7) Trichlorofluoromethane	3.477	101	138041	46.017	ug/l	97
8) Diethyl Ether	3.953	74	51993	50.923	ug/l	98
9) 1,1,2-Trichlorotrifluo...	4.353	101	80161	47.115	ug/l	98
10) Methyl Iodide	4.583	142	106426	47.257	ug/l	98
11) Tert butyl alcohol	5.530	59	60442	212.224	ug/l #	91
12) 1,1-Dichloroethene	4.330	96	73002	45.969	ug/l	97
13) Acrolein	4.171	56	64557	339.701	ug/l	95
14) Allyl chloride	5.012	41	121125	45.244	ug/l	99
15) Acrylonitrile	5.706	53	193042	239.411	ug/l	100
16) Acetone	4.418	43	178643	287.807	ug/l	99
17) Carbon Disulfide	4.700	76	164957	35.191	ug/l	96
18) Methyl Acetate	5.018	43	101587	51.234	ug/l	99
19) Methyl tert-butyl Ether	5.789	73	276087	53.208	ug/l	100
20) Methylene Chloride	5.265	84	89313	47.154	ug/l	99
21) trans-1,2-Dichloroethene	5.777	96	75343	45.083	ug/l	86
22) Diisopropyl ether	6.665	45	272506	50.574	ug/l	96
23) Vinyl Acetate	6.594	43	964054	259.347	ug/l	100
24) 1,1-Dichloroethane	6.559	63	156154	48.428	ug/l	99
25) 2-Butanone	7.477	43	253128	249.436	ug/l	96
26) 2,2-Dichloropropane	7.483	77	148835	49.432	ug/l	100
27) cis-1,2-Dichloroethene	7.477	96	100216	49.743	ug/l	99
28) Bromochloromethane	7.806	49	55201	45.352	ug/l	92
29) Tetrahydrofuran	7.830	42	151165	239.537	ug/l	98
30) Chloroform	7.959	83	170911	49.829	ug/l	96
31) Cyclohexane	8.247	56	113139	39.852	ug/l	99
32) 1,1,1-Trichloroethane	8.165	97	150042	48.408	ug/l	99
36) 1,1-Dichloropropene	8.365	75	104665	47.690	ug/l	98
37) Ethyl Acetate	7.553	43	99630	49.935	ug/l	99
38) Carbon Tetrachloride	8.353	117	131526	51.919	ug/l	98
39) Methylcyclohexane	9.594	83	112144	49.174	ug/l	98
40) Benzene	8.600	78	343566	49.496	ug/l	100

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41) Methacrylonitrile	7.771	41	58971	53.382	ug/l	99
42) 1,2-Dichloroethane	8.665	62	124673	52.501	ug/l	100
43) Isopropyl Acetate	8.682	43	177564	42.845	ug/l	98
44) Trichloroethene	9.347	130	79998	49.592	ug/l	95
45) 1,2-Dichloropropane	9.612	63	89292	52.228	ug/l	100
46) Dibromomethane	9.706	93	62455	52.572	ug/l	98
47) Bromodichloromethane	9.882	83	135845	53.953	ug/l	98
48) Methyl methacrylate	9.677	41	79781	51.732	ug/l	98
49) 1,4-Dioxane	9.694	88	28631	1070.529	ug/l #	90
51) 4-Methyl-2-Pentanone	10.441	43	496446	262.260	ug/l	99
52) Toluene	10.624	92	209621	51.012	ug/l	99
53) t-1,3-Dichloropropene	10.829	75	136391	54.031	ug/l	99
54) cis-1,3-Dichloropropene	10.306	75	145642	54.385	ug/l	98
55) 1,1,2-Trichloroethane	11.012	97	86024	56.202	ug/l	99
56) Ethyl methacrylate	10.871	69	127054	56.807	ug/l	99
57) 1,3-Dichloropropane	11.159	76	142900	53.047	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.153	63	303708	276.824	ug/l	99
59) 2-Hexanone	11.194	43	381031	269.137	ug/l	100
60) Dibromochloromethane	11.359	129	105413	56.352	ug/l	98
61) 1,2-Dibromoethane	11.465	107	84169	53.135	ug/l	97
64) Tetrachloroethene	11.100	164	67094	46.823	ug/l	98
65) Chlorobenzene	11.888	112	233273	48.369	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.959	131	91511	53.892	ug/l	98
67) Ethyl Benzene	11.959	91	400681	51.209	ug/l	99
68) m/p-Xylenes	12.065	106	305702	102.623	ug/l	100
69) o-Xylene	12.394	106	148946	52.563	ug/l	99
70) Styrene	12.406	104	257948	54.739	ug/l	99
71) Bromoform	12.576	173	70832	56.196	ug/l #	98
73) Isopropylbenzene	12.694	105	375499	47.556	ug/l	99
74) N-amyl acetate	12.488	43	154710	47.549	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.935	83	120264	44.604	ug/l	100
76) 1,2,3-Trichloropropane	12.994	75	107515m	52.811	ug/l	
77) Bromobenzene	12.976	156	98097	46.167	ug/l	100
78) n-propylbenzene	13.029	91	439164	48.221	ug/l	100
79) 2-Chlorotoluene	13.123	91	287333	47.262	ug/l	99
80) 1,3,5-Trimethylbenzene	13.170	105	332065	50.118	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.735	75	43285m	46.936	ug/l	
82) 4-Chlorotoluene	13.217	91	290839	45.954	ug/l	100
83) tert-Butylbenzene	13.435	119	277206	48.626	ug/l	99
84) 1,2,4-Trimethylbenzene	13.476	105	340363	49.905	ug/l	99
85) sec-Butylbenzene	13.612	105	384595	49.941	ug/l	99
86) p-Isopropyltoluene	13.723	119	333450	52.452	ug/l	99
87) 1,3-Dichlorobenzene	13.729	146	188222	44.910	ug/l	98
88) 1,4-Dichlorobenzene	13.806	146	185519	43.376	ug/l	99
89) n-Butylbenzene	14.053	91	282555	47.794	ug/l	99
90) Hexachloroethane	14.329	117	66073	47.682	ug/l	97
91) 1,2-Dichlorobenzene	14.100	146	179645	44.731	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.717	75	22826	43.780	ug/l	96
93) 1,2,4-Trichlorobenzene	15.388	180	96536	44.246	ug/l	98
94) Hexachlorobutadiene	15.500	225	44096	43.792	ug/l	99
95) Naphthalene	15.635	128	288127	46.366	ug/l	99
96) 1,2,3-Trichlorobenzene	15.835	180	98063	47.104	ug/l	99

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

