

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN100124\
 Data File : VN084231.D
 Acq On : 01 Oct 2024 11:45
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Quant Time: Oct 02 01:58:34 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N093024W.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 01 07:11:01 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :John Carlone 10/02/2024
 Supervised By :Semsettin Yesilyurt 10/02/2024

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	160039	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	275633	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	252281	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	122160	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	129509	54.579	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	109.160%
35) Dibromofluoromethane	8.165	113	97370	53.584	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	107.160%
50) Toluene-d8	10.565	98	365160	54.620	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	109.240%
62) 4-Bromofluorobenzene	12.847	95	130121	53.425	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	106.860%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.124	85	92533	48.881	ug/l	97
3) Chloromethane	2.359	50	109270	50.553	ug/l	97
4) Vinyl Chloride	2.512	62	106485	50.859	ug/l	97
5) Bromomethane	2.953	94	66603	48.227	ug/l	99
6) Chloroethane	3.118	64	68244	45.512	ug/l	98
7) Trichlorofluoromethane	3.495	101	162277	49.773	ug/l	99
8) Diethyl Ether	3.959	74	60065	49.674	ug/l	94
9) 1,1,2-Trichlorotrifluo...	4.371	101	91229	48.834	ug/l	99
10) Methyl Iodide	4.589	142	122693	50.999	ug/l	96
11) Tert butyl alcohol	5.530	59	94565	241.689	ug/l	99
12) 1,1-Dichloroethene	4.342	96	89042	49.415	ug/l	91
13) Acrolein	4.177	56	117327	261.202	ug/l	96
14) Allyl chloride	5.030	41	149915	47.905	ug/l	99
15) Acrylonitrile	5.718	53	266758	269.981	ug/l	99
16) Acetone	4.424	43	233562	229.131	ug/l	100
17) Carbon Disulfide	4.712	76	262059	45.935	ug/l	99
18) Methyl Acetate	5.024	43	119807	53.925	ug/l	99
19) Methyl tert-butyl Ether	5.800	73	317885	52.268	ug/l	98
20) Methylene Chloride	5.271	84	106817	51.550	ug/l	93
21) trans-1,2-Dichloroethene	5.783	96	96233	50.975	ug/l	99
22) Diisopropyl ether	6.671	45	348166	53.787	ug/l	99
23) Vinyl Acetate	6.600	43	1329441	276.905	ug/l	100
24) 1,1-Dichloroethane	6.571	63	191408	52.876	ug/l	99
25) 2-Butanone	7.483	43	359951	259.264	ug/l	100
26) 2,2-Dichloropropane	7.488	77	153910	47.155	ug/l	99
27) cis-1,2-Dichloroethene	7.483	96	117833	51.653	ug/l	99
28) Bromochloromethane	7.812	49	83905	51.949	ug/l	100
29) Tetrahydrofuran	7.841	42	236811	276.398	ug/l	99
30) Chloroform	7.965	83	197615	52.555	ug/l	99
31) Cyclohexane	8.253	56	160501	45.665	ug/l	94
32) 1,1,1-Trichloroethane	8.165	97	171843	50.886	ug/l	99
36) 1,1-Dichloropropene	8.371	75	133526	50.588	ug/l	100
37) Ethyl Acetate	7.559	43	148261	54.752	ug/l	99
38) Carbon Tetrachloride	8.359	117	147324	50.883	ug/l	96
39) Methylcyclohexane	9.600	83	147118	50.080	ug/l	98
40) Benzene	8.606	78	428264	52.077	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.782	41	82176	55.899	ug/l	99
42) 1,2-Dichloroethane	8.665	62	148822	53.381	ug/l	100
43) Isopropyl Acetate	8.688	43	243513	45.912	ug/l	100
44) Trichloroethene	9.353	130	96407	50.193	ug/l	98
45) 1,2-Dichloropropane	9.624	63	105223	54.088	ug/l	99
46) Dibromomethane	9.706	93	74461	56.718	ug/l	99
47) Bromodichloromethane	9.888	83	156840	53.773	ug/l #	98
48) Methyl methacrylate	9.682	41	118359	56.059	ug/l	98
49) 1,4-Dioxane	9.694	88	42265	1087.340	ug/l #	92
51) 4-Methyl-2-Pentanone	10.441	43	736947	285.885	ug/l	100
52) Toluene	10.629	92	260384	51.923	ug/l	99
53) t-1,3-Dichloropropene	10.835	75	157202	52.874	ug/l	99
54) cis-1,3-Dichloropropene	10.312	75	166850	52.173	ug/l	96
55) 1,1,2-Trichloroethane	11.018	97	99358	55.268	ug/l	97
56) Ethyl methacrylate	10.871	69	165991	56.113	ug/l	99
57) 1,3-Dichloropropane	11.165	76	175066	54.498	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.159	63	379082	276.247	ug/l	99
59) 2-Hexanone	11.194	43	546865	283.840	ug/l	100
60) Dibromochloromethane	11.359	129	117606	55.367	ug/l	99
61) 1,2-Dibromoethane	11.470	107	100422	53.758	ug/l	99
64) Tetrachloroethene	11.100	164	86689	49.334	ug/l	98
65) Chlorobenzene	11.888	112	275052	49.172	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.959	131	98797	51.278	ug/l	98
67) Ethyl Benzene	11.965	91	493430	49.880	ug/l	99
68) m/p-Xylenes	12.070	106	375172	102.528	ug/l	99
69) o-Xylene	12.394	106	180787	52.220	ug/l	100
70) Styrene	12.412	104	311884	53.186	ug/l	99
71) Bromoform	12.576	173	76759	54.114	ug/l #	98
73) Isopropylbenzene	12.694	105	456654	48.987	ug/l	99
74) N-amyl acetate	12.494	43	215717	51.102	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.935	83	143798	51.301	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	124095m	49.759	ug/l	
77) Bromobenzene	12.982	156	109727	48.799	ug/l	99
78) n-propylbenzene	13.035	91	550507	50.971	ug/l	100
79) 2-Chlorotoluene	13.123	91	338251	49.080	ug/l	100
80) 1,3,5-Trimethylbenzene	13.170	105	396433	52.135	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.735	75	51443	49.453	ug/l	90
82) 4-Chlorotoluene	13.217	91	345690	49.827	ug/l	100
83) tert-Butylbenzene	13.435	119	329188	48.708	ug/l	99
84) 1,2,4-Trimethylbenzene	13.482	105	401274	52.384	ug/l	100
85) sec-Butylbenzene	13.617	105	458113	50.796	ug/l	99
86) p-Isopropyltoluene	13.729	119	385447	51.685	ug/l	100
87) 1,3-Dichlorobenzene	13.729	146	207151	49.108	ug/l	99
88) 1,4-Dichlorobenzene	13.812	146	204275	47.953	ug/l	99
89) n-Butylbenzene	14.053	91	329942	48.791	ug/l	99
90) Hexachloroethane	14.335	117	72289	47.754	ug/l	98
91) 1,2-Dichlorobenzene	14.106	146	203794	49.271	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.717	75	29067	50.252	ug/l	99
93) 1,2,4-Trichlorobenzene	15.388	180	97562	47.888	ug/l	99
94) Hexachlorobutadiene	15.500	225	42193	41.529	ug/l	98
95) Naphthalene	15.641	128	326709	48.372	ug/l	99
96) 1,2,3-Trichlorobenzene	15.835	180	96063	47.105	ug/l	100

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

