

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN073024\
 Data File : VN083062.D
 Acq On : 30 Jul 2024 12:25
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Jul 30 16:40:25 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N070824W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 08 13:46:04 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :John
 Carlone

07/31/2024
 Supervised By :Semsettin
 Yesilyurt

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	204631	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	332416	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	312794	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	159692	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	141550	49.346	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	98.700%
35) Dibromofluoromethane	8.165	113	113189	53.065	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	106.120%
50) Toluene-d8	10.565	98	400241	50.803	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	101.600%
62) 4-Bromofluorobenzene	12.847	95	136467	48.222	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	=	96.440%

Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.124	85	108675	41.021	ug/l	99
3) Chloromethane	2.359	50	82104	32.679	ug/l	98
4) Vinyl Chloride	2.512	62	127436	48.295	ug/l	98
5) Bromomethane	2.953	94	71481	37.572	ug/l	93
6) Chloroethane	3.118	64	83226	46.091	ug/l	96
7) Trichlorofluoromethane	3.494	101	182455	48.076	ug/l	96
8) Diethyl Ether	3.959	74	59932	46.142	ug/l	83
9) 1,1,2-Trichlorotrifluo...	4.371	101	113114	52.661	ug/l	99
10) Methyl Iodide	4.589	142	105306	47.819	ug/l	99
11) Tert butyl alcohol	5.518	59	109868	227.721	ug/l	99
12) 1,1-Dichloroethene	4.341	96	93251	44.640	ug/l	87
13) Acrolein	4.177	56	60827	174.626	ug/l	100
14) Allyl chloride	5.024	41	137583	42.241	ug/l #	92
15) Acrylonitrile	5.718	53	266829	240.650	ug/l	98
16) Acetone	4.430	43	260029	257.473	ug/l	98
17) Carbon Disulfide	4.712	76	213779	34.248	ug/l	99
18) Methyl Acetate	5.024	43	187020	69.983	ug/l	92
19) Methyl tert-butyl Ether	5.800	73	357025	49.547	ug/l	99
20) Methylene Chloride	5.277	84	117493	48.173	ug/l	86
21) trans-1,2-Dichloroethene	5.783	96	105028	46.402	ug/l	85
22) Diisopropyl ether	6.671	45	364269	53.458	ug/l #	92
23) Vinyl Acetate	6.606	43	1263077	233.414	ug/l	96
24) 1,1-Dichloroethane	6.571	63	213096	51.556	ug/l	98
25) 2-Butanone	7.482	43	374725	245.731	ug/l #	89
26) 2,2-Dichloropropane	7.488	77	211022	54.911	ug/l	99
27) cis-1,2-Dichloroethene	7.488	96	129680	48.937	ug/l	92
28) Bromochloromethane	7.818	49	88019	49.640	ug/l #	82
29) Tetrahydrofuran	7.841	42	229983	239.558	ug/l #	85
30) Chloroform	7.971	83	238302	54.346	ug/l	96
31) Cyclohexane	8.259	56	153716	40.988	ug/l	95
32) 1,1,1-Trichloroethane	8.171	97	208856	51.301	ug/l	97
36) 1,1-Dichloropropene	8.371	75	148658	50.549	ug/l	98
37) Ethyl Acetate	7.559	43	144165	48.150	ug/l	96
38) Carbon Tetrachloride	8.359	117	181500	51.258	ug/l	96
39) Methylcyclohexane	9.600	83	141989	44.697	ug/l	92
40) Benzene	8.606	78	471524	52.124	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	81644	50.615	ug/l	91
42) 1,2-Dichloroethane	8.671	62	178238	54.731	ug/l	98
43) Isopropyl Acetate	8.688	43	259817	45.770	ug/l #	92
44) Trichloroethene	9.353	130	111056	47.918	ug/l	100
45) 1,2-Dichloropropane	9.624	63	121926	57.731	ug/l	97
46) Dibromomethane	9.712	93	88920	54.044	ug/l	98
47) Bromodichloromethane	9.888	83	191866	56.437	ug/l	97
48) Methyl methacrylate	9.682	41	119089	50.726	ug/l #	86
49) 1,4-Dioxane	9.694	88	47583	930.226	ug/l	95
51) 4-Methyl-2-Pentanone	10.447	43	809458	272.702	ug/l	95
52) Toluene	10.629	92	301725	53.394	ug/l	100
53) t-1,3-Dichloropropene	10.835	75	188359	53.783	ug/l	98
54) cis-1,3-Dichloropropene	10.312	75	195300	52.683	ug/l	93
55) 1,1,2-Trichloroethane	11.018	97	121055	58.256	ug/l	98
56) Ethyl methacrylate	10.876	69	175904	54.411	ug/l	88
57) 1,3-Dichloropropane	11.165	76	204256	55.531	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.159	63	391199	235.821	ug/l	97
59) 2-Hexanone	11.194	43	614686	278.533	ug/l	95
60) Dibromochloromethane	11.359	129	148722	56.193	ug/l	100
61) 1,2-Dibromoethane	11.470	107	118442	53.673	ug/l	97
64) Tetrachloroethene	11.106	164	103457	44.332	ug/l	98
65) Chlorobenzene	11.894	112	337536	50.358	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.965	131	127071	53.299	ug/l	97
67) Ethyl Benzene	11.965	91	562486	49.931	ug/l	100
68) m/p-Xylenes	12.070	106	447122	105.130	ug/l	97
69) o-Xylene	12.400	106	211309	51.853	ug/l	93
70) Styrene	12.412	104	371622	55.191	ug/l	99
71) Bromoform	12.576	173	98860	52.726	ug/l #	99
73) Isopropylbenzene	12.700	105	542848	46.781	ug/l	100
74) N-amyl acetate	12.494	43	216966	45.203	ug/l	92
75) 1,1,2,2-Tetrachloroethane	12.935	83	175130	50.393	ug/l	98
76) 1,2,3-Trichloropropane	12.994	75	156715m	56.921	ug/l	
77) Bromobenzene	12.982	156	139219	46.506	ug/l	94
78) n-propylbenzene	13.035	91	647046	48.497	ug/l	97
79) 2-Chlorotoluene	13.129	91	393495	46.289	ug/l	97
80) 1,3,5-Trimethylbenzene	13.170	105	461781	49.232	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.735	75	61489	43.924	ug/l	95
82) 4-Chlorotoluene	13.223	91	395374	46.989	ug/l	97
83) tert-Butylbenzene	13.441	119	384600	46.251	ug/l	97
84) 1,2,4-Trimethylbenzene	13.482	105	472900	49.466	ug/l	99
85) sec-Butylbenzene	13.617	105	558293	49.683	ug/l	99
86) p-Isopropyltoluene	13.729	119	454695	48.498	ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	261405	48.338	ug/l	100
88) 1,4-Dichlorobenzene	13.811	146	257708	46.079	ug/l	100
89) n-Butylbenzene	14.059	91	392796	48.903	ug/l	98
90) Hexachloroethane	14.335	117	95863	48.323	ug/l	98
91) 1,2-Dichlorobenzene	14.106	146	256100	48.775	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.723	75	33357	41.489	ug/l	93
93) 1,2,4-Trichlorobenzene	15.394	180	128623	45.477	ug/l	99
94) Hexachlorobutadiene	15.505	225	56482	45.048	ug/l	98
95) Naphthalene	15.641	128	404321	41.738	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	130268	44.796	ug/l	97

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

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