

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN071724\
 Data File : VN082956.D
 Acq On : 17 Jul 2024 12:21
 Operator : JC\MD
 Sample : VN0717WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0717WBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 07/18/2024
 Supervised By : Mahesh Dadoda 07/18/2024

Quant Time: Jul 18 05:21:47 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

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	97715	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	173383	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	178553	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	83323	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	78042	56.975	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 113.940%			
35) Dibromofluoromethane	8.165	113	59254	53.259	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 106.520%			
50) Toluene-d8	10.571	98	227727	55.419	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 110.840%			
62) 4-Bromofluorobenzene	12.847	95	82833	56.118	ug/l	0.00
Spiked Amount 50.000	Range 64 - 133		Recovery = 112.240%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.124	85	26000	20.552	ug/l	97
3) Chloromethane	2.365	50	24433	20.365	ug/l	94
4) Vinyl Chloride	2.518	62	26942	21.382	ug/l	100
5) Bromomethane	2.959	94	15753	17.340	ug/l	84
6) Chloroethane	3.118	64	15664	18.166	ug/l	99
7) Trichlorofluoromethane	3.495	101	29830	16.460	ug/l	96
8) Diethyl Ether	3.959	74	10687	17.231	ug/l	84
9) 1,1,2-Trichlorotrifluo...	4.371	101	19086	18.608	ug/l	100
10) Methyl Iodide	4.589	142	16331	15.530	ug/l #	92
11) Tert butyl alcohol	5.530	59	18299	79.427	ug/l #	71
12) 1,1-Dichloroethene	4.348	96	16260	16.301	ug/l #	78
13) Acrolein	4.183	56	4157	24.992	ug/l	85
14) Allyl chloride	5.030	41	24730	15.900	ug/l #	94
15) Acrylonitrile	5.718	53	49662	93.797	ug/l	98
16) Acetone	4.436	43	43774	90.769	ug/l	94
17) Carbon Disulfide	4.712	76	45244	15.179	ug/l	98
18) Methyl Acetate	5.030	43	26840	21.033	ug/l #	85
19) Methyl tert-butyl Ether	5.800	73	59118	17.181	ug/l	97
20) Methylene Chloride	5.277	84	20459	17.566	ug/l	87
21) trans-1,2-Dichloroethene	5.783	96	18683	17.286	ug/l #	78
22) Diisopropyl ether	6.677	45	61935	19.034	ug/l #	96
23) Vinyl Acetate	6.606	43	231565	89.615	ug/l #	92
24) 1,1-Dichloroethane	6.565	63	36364	18.424	ug/l	96
25) 2-Butanone	7.483	43	67820	93.136	ug/l	98
26) 2,2-Dichloropropane	7.489	77	32258	17.578	ug/l	98
27) cis-1,2-Dichloroethene	7.489	96	22452	17.743	ug/l	91
28) Bromochloromethane	7.812	49	20280	23.951	ug/l	85
29) Tetrahydrofuran	7.842	42	42869	93.512	ug/l #	86
30) Chloroform	7.965	83	41774	19.951	ug/l	95
31) Cyclohexane	8.259	56	29832	16.658	ug/l	96
32) 1,1,1-Trichloroethane	8.171	97	36251	18.647	ug/l	97
36) 1,1-Dichloropropene	8.377	75	26011	16.957	ug/l	99
37) Ethyl Acetate	7.559	43	26689	17.090	ug/l #	95
38) Carbon Tetrachloride	8.365	117	31094	16.836	ug/l	98
39) Methylcyclohexane	9.606	83	25783	15.561	ug/l	95
40) Benzene	8.606	78	86326	18.296	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.783	41	15331	18.222	ug/l	96
42) 1,2-Dichloroethane	8.671	62	31747	18.690	ug/l	98
43) Isopropyl Acetate	8.694	43	60654	18.743	ug/l	98
44) Trichloroethene	9.353	130	19963	16.514	ug/l	98
45) 1,2-Dichloropropane	9.624	63	22618	20.533	ug/l	94
46) Dibromomethane	9.712	93	16437	19.153	ug/l	98
47) Bromodichloromethane	9.894	83	35142	19.818	ug/l #	95
48) Methyl methacrylate	9.683	41	21200	17.313	ug/l #	87
49) 1,4-Dioxane	9.694	88	9539	353.011	ug/l	93
51) 4-Methyl-2-Pentanone	10.447	43	154164	99.575	ug/l	95
52) Toluene	10.630	92	55434	18.807	ug/l	98
53) t-1,3-Dichloropropene	10.835	75	33293	18.226	ug/l	99
54) cis-1,3-Dichloropropene	10.312	75	35450	18.334	ug/l	89
55) 1,1,2-Trichloroethane	11.018	97	23567	21.744	ug/l	95
56) Ethyl methacrylate	10.877	69	31886	18.910	ug/l	88
57) 1,3-Dichloropropane	11.165	76	41494	21.628	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.165	63	96171	111.148	ug/l	98
59) 2-Hexanone	11.194	43	126884	110.231	ug/l	97
60) Dibromochloromethane	11.359	129	29155	21.120	ug/l	100
61) 1,2-Dibromoethane	11.471	107	25161	21.860	ug/l	97
64) Tetrachloroethene	11.106	164	21675	16.271	ug/l	95
65) Chlorobenzene	11.894	112	67216	17.568	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.965	131	25298	18.589	ug/l	98
67) Ethyl Benzene	11.965	91	105233	16.365	ug/l	98
68) m/p-Xylenes	12.071	106	82918	34.154	ug/l	94
69) o-Xylene	12.400	106	37570	16.150	ug/l	98
70) Styrene	12.412	104	66890	17.403	ug/l	99
71) Bromoform	12.576	173	19725	18.429	ug/l #	98
73) Isopropylbenzene	12.700	105	95526	15.777	ug/l	100
74) N-amyl acetate	12.494	43	43987	17.564	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.941	83	34361	18.949	ug/l	99
76) 1,2,3-Trichloropropane	13.000	75	27195m	18.931	ug/l	
77) Bromobenzene	12.982	156	26436	16.925	ug/l	97
78) n-propylbenzene	13.035	91	113472	16.300	ug/l	99
79) 2-Chlorotoluene	13.124	91	73288	16.523	ug/l	98
80) 1,3,5-Trimethylbenzene	13.176	105	80529	16.454	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.735	75	13592	18.608	ug/l	94
82) 4-Chlorotoluene	13.224	91	74998	17.083	ug/l	100
83) tert-Butylbenzene	13.441	119	65411	15.076	ug/l	97
84) 1,2,4-Trimethylbenzene	13.482	105	80125	16.063	ug/l	98
85) sec-Butylbenzene	13.618	105	93620	15.967	ug/l	100
86) p-Isopropyltoluene	13.729	119	75656	15.466	ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	46702	16.551	ug/l	97
88) 1,4-Dichlorobenzene	13.812	146	47196	16.173	ug/l	97
89) n-Butylbenzene	14.059	91	62924	15.014	ug/l	99
90) Hexachloroethane	14.335	117	17332	16.744	ug/l	97
91) 1,2-Dichlorobenzene	14.106	146	46308	16.903	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.723	75	7020	16.734	ug/l	97
93) 1,2,4-Trichlorobenzene	15.394	180	22064	14.951	ug/l	98
94) Hexachlorobutadiene	15.506	225	10550	16.126	ug/l	97
95) Naphthalene	15.641	128	67460	13.347	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	22047	14.530	ug/l	99

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

