

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN071824\
 Data File : VN082975.D
 Acq On : 18 Jul 2024 14:15
 Operator : JC\MD
 Sample : VN0718WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0718WBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 07/19/2024
 Supervised By : Semsettin Yesilyurt 07/19/2024

Quant Time: Jul 19 00:43:49 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	8.229	168	79975	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	140567	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	130209	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	59783	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	62010	55.312	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 110.620%			
35) Dibromofluoromethane	8.165	113	48300	53.549	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 107.100%			
50) Toluene-d8	10.565	98	177508	53.282	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 106.560%			
62) 4-Bromofluorobenzene	12.847	95	55615	46.474	ug/l	0.00
Spiked Amount 50.000	Range 64 - 133		Recovery = 92.940%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.124	85	18976	18.327	ug/l	95
3) Chloromethane	2.365	50	16140	16.437	ug/l	91
4) Vinyl Chloride	2.512	62	20014	19.407	ug/l	95
5) Bromomethane	2.953	94	14026	18.864	ug/l	94
6) Chloroethane	3.118	64	14436	20.456	ug/l	98
7) Trichlorofluoromethane	3.500	101	28678	19.335	ug/l	98
8) Diethyl Ether	3.971	74	9466	18.648	ug/l	81
9) 1,1,2-Trichlorotrifluo...	4.365	101	17096	20.365	ug/l	97
10) Methyl Iodide	4.589	142	15529	18.043	ug/l #	93
11) Tert butyl alcohol	5.524	59	16214	85.988	ug/l	95
12) 1,1-Dichloroethene	4.341	96	14525	17.791	ug/l	99
13) Acrolein	4.177	56	10839	79.619	ug/l	95
14) Allyl chloride	5.024	41	21594	16.964	ug/l #	96
15) Acrylonitrile	5.724	53	43513	100.413	ug/l	99
16) Acetone	4.436	43	38433	97.371	ug/l	91
17) Carbon Disulfide	4.712	76	40338	16.535	ug/l #	95
18) Methyl Acetate	5.030	43	24696	23.646	ug/l #	90
19) Methyl tert-butyl Ether	5.800	73	52563	18.664	ug/l	97
20) Methylene Chloride	5.277	84	18980	19.911	ug/l	95
21) trans-1,2-Dichloroethene	5.788	96	16375	18.511	ug/l	81
22) Diisopropyl ether	6.671	45	52436	19.690	ug/l #	87
23) Vinyl Acetate	6.606	43	195043	92.224	ug/l #	95
24) 1,1-Dichloroethane	6.571	63	32871	20.349	ug/l	97
25) 2-Butanone	7.482	43	59018	99.026	ug/l	94
26) 2,2-Dichloropropane	7.494	77	29168	19.420	ug/l	98
27) cis-1,2-Dichloroethene	7.488	96	19348	18.682	ug/l	89
28) Bromochloromethane	7.818	49	14564	21.016	ug/l #	82
29) Tetrahydrofuran	7.847	42	36650	97.680	ug/l #	85
30) Chloroform	7.965	83	35568	20.755	ug/l	95
31) Cyclohexane	8.259	56	24747	16.884	ug/l	97
32) 1,1,1-Trichloroethane	8.171	97	31030	19.502	ug/l	96
36) 1,1-Dichloropropene	8.371	75	23191	18.648	ug/l	98
37) Ethyl Acetate	7.559	43	25613	20.230	ug/l	99
38) Carbon Tetrachloride	8.365	117	26767	17.876	ug/l	100
39) Methylcyclohexane	9.600	83	19822	14.756	ug/l	94
40) Benzene	8.606	78	72033	18.830	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	13521	19.823	ug/l	93
42) 1,2-Dichloroethane	8.671	62	27283	19.812	ug/l	98
43) Isopropyl Acetate	8.694	43	49245	18.775	ug/l	99
44) Trichloroethene	9.353	130	16777	17.119	ug/l	98
45) 1,2-Dichloropropane	9.623	63	18290	20.480	ug/l	98
46) Dibromomethane	9.706	93	13301	19.117	ug/l	98
47) Bromodichloromethane	9.888	83	28427	19.774	ug/l	100
48) Methyl methacrylate	9.682	41	18227	18.360	ug/l #	85
49) 1,4-Dioxane	9.694	88	7728	352.755	ug/l #	76
51) 4-Methyl-2-Pentanone	10.447	43	125823	100.243	ug/l	95
52) Toluene	10.629	92	44468	18.609	ug/l	96
53) t-1,3-Dichloropropene	10.835	75	27313	18.443	ug/l	97
54) cis-1,3-Dichloropropene	10.312	75	29077	18.549	ug/l #	86
55) 1,1,2-Trichloroethane	11.018	97	18371	20.907	ug/l	93
56) Ethyl methacrylate	10.876	69	25323	18.524	ug/l	88
57) 1,3-Dichloropropane	11.165	76	30380	19.532	ug/l	98
58) 2-Chloroethyl Vinyl ether	10.165	63	72926	103.960	ug/l	97
59) 2-Hexanone	11.194	43	93197	99.867	ug/l	96
60) Dibromochloromethane	11.359	129	22094	19.741	ug/l	95
61) 1,2-Dibromoethane	11.470	107	17605	18.866	ug/l	92
64) Tetrachloroethene	11.106	164	16660	17.150	ug/l	96
65) Chlorobenzene	11.894	112	49775	17.839	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.959	131	19526	19.674	ug/l	96
67) Ethyl Benzene	11.964	91	78331	16.704	ug/l	98
68) m/p-Xylenes	12.070	106	59268	33.476	ug/l	97
69) o-Xylene	12.400	106	28938	17.058	ug/l	94
70) Styrene	12.412	104	49220	17.560	ug/l	98
71) Bromoform	12.576	173	14503	18.581	ug/l #	100
73) Isopropylbenzene	12.694	105	71552	16.471	ug/l	99
74) N-amyl acetate	12.494	43	31457	17.506	ug/l	92
75) 1,1,2,2-Tetrachloroethane	12.941	83	26353	20.256	ug/l	100
76) 1,2,3-Trichloropropane	13.000	75	20120m	19.521	ug/l	
77) Bromobenzene	12.982	156	19308	17.229	ug/l	97
78) n-propylbenzene	13.035	91	85200	17.058	ug/l	98
79) 2-Chlorotoluene	13.123	91	53053	16.671	ug/l	99
80) 1,3,5-Trimethylbenzene	13.176	105	59199	16.859	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.735	75	9853	18.801	ug/l	95
82) 4-Chlorotoluene	13.223	91	53155	16.875	ug/l	99
83) tert-Butylbenzene	13.441	119	47674	15.314	ug/l	98
84) 1,2,4-Trimethylbenzene	13.482	105	59229	16.549	ug/l	96
85) sec-Butylbenzene	13.617	105	68290	16.233	ug/l	99
86) p-Isopropyltoluene	13.729	119	55036	15.681	ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	34598	17.089	ug/l	99
88) 1,4-Dichlorobenzene	13.811	146	34659	16.554	ug/l	98
89) n-Butylbenzene	14.058	91	44987	14.961	ug/l	97
90) Hexachloroethane	14.329	117	12702	17.103	ug/l	94
91) 1,2-Dichlorobenzene	14.106	146	34029	17.312	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.723	75	5105	16.961	ug/l	97
93) 1,2,4-Trichlorobenzene	15.394	180	15450	14.592	ug/l	99
94) Hexachlorobutadiene	15.500	225	6740	14.359	ug/l	97
95) Naphthalene	15.641	128	49629	13.685	ug/l	98
96) 1,2,3-Trichlorobenzene	15.847	180	16810	15.441	ug/l	93

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

