

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN071524\
 Data File : VN082918.D
 Acq On : 15 Jul 2024 15:15
 Operator : JC\MD
 Sample : VN0715WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0715WBS01

Quant Time: Jul 16 01:24:16 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 07/16/2024
 Supervised By : Mahesh Dadoda 07/16/2024

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	119730	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	202127	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	186077	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	87460	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	92487	55.105	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 110.220%			
35) Dibromofluoromethane	8.171	113	71965	55.486	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 110.980%			
50) Toluene-d8	10.571	98	262663	54.831	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 109.660%			
62) 4-Bromofluorobenzene	12.853	95	89435	51.974	ug/l	0.00
Spiked Amount 50.000	Range 64 - 133		Recovery = 103.940%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.124	85	32926	21.241	ug/l	96
3) Chloromethane	2.359	50	31405	21.364	ug/l	98
4) Vinyl Chloride	2.512	62	32672	21.162	ug/l	98
5) Bromomethane	2.948	94	20486	18.404	ug/l	99
6) Chloroethane	3.112	64	21808	20.642	ug/l	98
7) Trichlorofluoromethane	3.483	101	40315	18.155	ug/l	91
8) Diethyl Ether	3.965	74	14955	19.679	ug/l	91
9) 1,1,2-Trichlorotrifluo...	4.365	101	27605	21.965	ug/l	99
10) Methyl Iodide	4.583	142	22167	17.204	ug/l	97
11) Tert butyl alcohol	5.530	59	30166	106.861	ug/l	99
12) 1,1-Dichloroethene	4.342	96	24475	20.025	ug/l	86
13) Acrolein	4.177	56	23411	114.868	ug/l	100
14) Allyl chloride	5.018	41	41742	21.904	ug/l	90
15) Acrylonitrile	5.724	53	75329	116.114	ug/l	100
16) Acetone	4.436	43	65756	111.279	ug/l	97
17) Carbon Disulfide	4.706	76	68514	18.759	ug/l	97
18) Methyl Acetate	5.030	43	38758	24.788	ug/l	93
19) Methyl tert-butyl Ether	5.800	73	85523	20.285	ug/l	93
20) Methylene Chloride	5.277	84	29254	20.499	ug/l	87
21) trans-1,2-Dichloroethene	5.789	96	27594	20.836	ug/l	91
22) Diisopropyl ether	6.683	45	90413	22.677	ug/l	99
23) Vinyl Acetate	6.606	43	342310	108.115	ug/l	95
24) 1,1-Dichloroethane	6.565	63	52353	21.648	ug/l	96
25) 2-Butanone	7.488	43	101281	113.513	ug/l #	90
26) 2,2-Dichloropropane	7.494	77	49536	22.030	ug/l	97
27) cis-1,2-Dichloroethene	7.488	96	31752	20.479	ug/l	91
28) Bromochloromethane	7.818	49	27212	26.229	ug/l #	82
29) Tetrahydrofuran	7.847	42	67717	120.554	ug/l	91
30) Chloroform	7.971	83	56650	22.081	ug/l	100
31) Cyclohexane	8.259	56	43489	19.819	ug/l	95
32) 1,1,1-Trichloroethane	8.171	97	50458	21.183	ug/l	96
36) 1,1-Dichloropropene	8.377	75	36475	20.397	ug/l	97
37) Ethyl Acetate	7.571	43	41820	22.971	ug/l	97
38) Carbon Tetrachloride	8.365	117	44655	20.740	ug/l	98
39) Methylcyclohexane	9.606	83	35446	18.351	ug/l	93
40) Benzene	8.612	78	118485	21.540	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.783	41	21753	22.178	ug/l	94
42) 1,2-Dichloroethane	8.677	62	43753	22.095	ug/l	98
43) Isopropyl Acetate	8.694	43	75385	20.191	ug/l	97
44) Trichloroethene	9.353	130	27592	19.579	ug/l	86
45) 1,2-Dichloropropane	9.624	63	29200	22.738	ug/l	96
46) Dibromomethane	9.712	93	21922	21.912	ug/l	97
47) Bromodichloromethane	9.888	83	44840	21.692	ug/l	98
48) Methyl methacrylate	9.682	41	31969	22.395	ug/l	95
49) 1,4-Dioxane	9.694	88	13395	425.823	ug/l	97
51) 4-Methyl-2-Pentanone	10.447	43	220311	122.064	ug/l	96
52) Toluene	10.635	92	72931	21.225	ug/l	99
53) t-1,3-Dichloropropene	10.841	75	44639	20.962	ug/l	96
54) cis-1,3-Dichloropropene	10.318	75	47180	20.931	ug/l	96
55) 1,1,2-Trichloroethane	11.018	97	28549	22.595	ug/l	92
56) Ethyl methacrylate	10.876	69	42821	21.783	ug/l	91
57) 1,3-Dichloropropane	11.165	76	50517	22.587	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.165	63	129071	127.959	ug/l	96
59) 2-Hexanone	11.200	43	167270	124.652	ug/l	95
60) Dibromochloromethane	11.359	129	34597	21.498	ug/l	99
61) 1,2-Dibromoethane	11.476	107	28790	21.456	ug/l	96
64) Tetrachloroethene	11.106	164	27872	20.077	ug/l	96
65) Chlorobenzene	11.894	112	79373	19.906	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.965	131	30097	21.221	ug/l	99
67) Ethyl Benzene	11.970	91	130882	19.530	ug/l	99
68) m/p-Xylenes	12.076	106	102970	40.698	ug/l	96
69) o-Xylene	12.400	106	47347	19.530	ug/l	97
70) Styrene	12.412	104	83127	20.753	ug/l	99
71) Bromoform	12.582	173	23864	21.395	ug/l #	99
73) Isopropylbenzene	12.700	105	121731	19.154	ug/l	98
74) N-amyl acetate	12.494	43	56008	21.306	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.941	83	43182	22.688	ug/l	97
76) 1,2,3-Trichloropropane	13.000	75	39899m	26.461	ug/l	
77) Bromobenzene	12.982	156	31805	19.399	ug/l	99
78) n-propylbenzene	13.041	91	145651	19.933	ug/l	99
79) 2-Chlorotoluene	13.129	91	91139	19.576	ug/l	100
80) 1,3,5-Trimethylbenzene	13.176	105	101879	19.832	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.741	75	16919	22.068	ug/l	89
82) 4-Chlorotoluene	13.223	91	92092	19.984	ug/l	98
83) tert-Butylbenzene	13.441	119	83277	18.285	ug/l	98
84) 1,2,4-Trimethylbenzene	13.482	105	102005	19.482	ug/l	97
85) sec-Butylbenzene	13.617	105	116172	18.876	ug/l	99
86) p-Isopropyltoluene	13.735	119	97665	19.020	ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	58527	19.761	ug/l	99
88) 1,4-Dichlorobenzene	13.812	146	58248	19.016	ug/l	99
89) n-Butylbenzene	14.059	91	81416	18.508	ug/l	98
90) Hexachloroethane	14.335	117	21723	19.994	ug/l	95
91) 1,2-Dichlorobenzene	14.112	146	58020	20.176	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.723	75	8889	20.187	ug/l	91
93) 1,2,4-Trichlorobenzene	15.400	180	27575	17.802	ug/l	98
94) Hexachlorobutadiene	15.506	225	12724	18.530	ug/l	98
95) Naphthalene	15.647	128	93168	17.561	ug/l	99
96) 1,2,3-Trichlorobenzene	15.847	180	28195	17.703	ug/l	97

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

