

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061824\
 Data File : VN082623.D
 Acq On : 18 Jun 2024 11:06
 Operator : JC\MD
 Sample : VN0618WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0618WBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 06/19/2024
 Supervised By : Mahesh Dadoda 06/19/2024

Quant Time: Jun 19 00:52:21 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N061724W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 18 04:52:44 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	170679	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	287677	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	262302	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	122871	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	149697	54.692	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 109.380%			
35) Dibromofluoromethane	8.165	113	104152	53.368	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 106.740%			
50) Toluene-d8	10.571	98	395902	53.644	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 107.280%			
62) 4-Bromofluorobenzene	12.847	95	129817	51.020	ug/l	0.00
Spiked Amount 50.000	Range 64 - 133		Recovery = 102.040%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.124	85	46506	19.510	ug/l	97
3) Chloromethane	2.359	50	52624	18.416	ug/l	97
4) Vinyl Chloride	2.512	62	52850	19.434	ug/l	99
5) Bromomethane	2.953	94	31586	18.043	ug/l	99
6) Chloroethane	3.118	64	36072	18.602	ug/l	98
7) Trichlorofluoromethane	3.495	101	66770	18.820	ug/l	98
8) Diethyl Ether	3.959	74	22015	18.220	ug/l	96
9) 1,1,2-Trichlorotrifluo...	4.371	101	39514	19.884	ug/l	97
10) Methyl Iodide	4.583	142	35810	18.917	ug/l #	97
11) Tert butyl alcohol	5.536	59	42816	95.580	ug/l	100
12) 1,1-Dichloroethene	4.348	96	35963	18.924	ug/l	91
13) Acrolein	4.183	56	45849	100.474	ug/l	97
14) Allyl chloride	5.024	41	69208	18.621	ug/l	97
15) Acrylonitrile	5.724	53	115489	97.669	ug/l	99
16) Acetone	4.436	43	117092	94.066	ug/l	98
17) Carbon Disulfide	4.712	76	109873	18.206	ug/l	100
18) Methyl Acetate	5.030	43	59420	19.517	ug/l	99
19) Methyl tert-butyl Ether	5.800	73	124900	19.201	ug/l	94
20) Methylene Chloride	5.277	84	44340	20.261	ug/l	95
21) trans-1,2-Dichloroethene	5.789	96	39074	19.347	ug/l	97
22) Diisopropyl ether	6.677	45	154591	19.834	ug/l	97
23) Vinyl Acetate	6.606	43	601675	97.344	ug/l	99
24) 1,1-Dichloroethane	6.577	63	82799	19.610	ug/l	98
25) 2-Butanone	7.488	43	171609	96.992	ug/l	100
26) 2,2-Dichloropropane	7.494	77	70106	19.140	ug/l	99
27) cis-1,2-Dichloroethene	7.488	96	44969	18.479	ug/l	98
28) Bromochloromethane	7.818	49	39588	20.545	ug/l	99
29) Tetrahydrofuran	7.841	42	110871	102.362	ug/l	99
30) Chloroform	7.971	83	80914	19.645	ug/l	97
31) Cyclohexane	8.259	56	71947	18.214	ug/l	98
32) 1,1,1-Trichloroethane	8.171	97	73750	19.746	ug/l	95
36) 1,1-Dichloropropene	8.377	75	56143	19.244	ug/l	99
37) Ethyl Acetate	7.565	43	69477	18.696	ug/l	99
38) Carbon Tetrachloride	8.365	117	62579	19.034	ug/l	96
39) Methylcyclohexane	9.600	83	56369	18.360	ug/l	96
40) Benzene	8.606	78	175575	19.477	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.783	41	35567	18.724	ug/l	96
42) 1,2-Dichloroethane	8.671	62	66754	19.468	ug/l	100
43) Isopropyl Acetate	8.694	43	124020	17.857	ug/l	99
44) Trichloroethene	9.353	130	39788	19.008	ug/l	96
45) 1,2-Dichloropropane	9.624	63	45239	19.497	ug/l	99
46) Dibromomethane	9.712	93	31154	19.807	ug/l	99
47) Bromodichloromethane	9.888	83	65773	19.614	ug/l	97
48) Methyl methacrylate	9.682	41	56693	19.802	ug/l	99
49) 1,4-Dioxane	9.700	88	19383	432.823	ug/l	98
51) 4-Methyl-2-Pentanone	10.447	43	364532	102.334	ug/l	99
52) Toluene	10.635	92	107856	19.743	ug/l	99
53) t-1,3-Dichloropropene	10.835	75	66147	19.296	ug/l	97
54) cis-1,3-Dichloropropene	10.312	75	68819	19.414	ug/l	100
55) 1,1,2-Trichloroethane	11.018	97	40438	20.451	ug/l	98
56) Ethyl methacrylate	10.876	69	62508	19.087	ug/l	98
57) 1,3-Dichloropropane	11.165	76	72365	19.797	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.165	63	146710	84.686	ug/l	98
59) 2-Hexanone	11.200	43	271502	100.281	ug/l	99
60) Dibromochloromethane	11.365	129	47435	19.652	ug/l	99
61) 1,2-Dibromoethane	11.471	107	40536	19.444	ug/l	97
64) Tetrachloroethene	11.106	164	38657	17.874	ug/l	95
65) Chlorobenzene	11.894	112	112375	18.682	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.965	131	40708	18.980	ug/l	98
67) Ethyl Benzene	11.965	91	189727	18.512	ug/l	98
68) m/p-Xylenes	12.071	106	147459	38.673	ug/l	98
69) o-Xylene	12.400	106	69436	19.383	ug/l	97
70) Styrene	12.412	104	119147	19.596	ug/l	99
71) Bromoform	12.582	173	32557	19.199	ug/l #	99
73) Isopropylbenzene	12.694	105	174564	18.709	ug/l	100
74) N-amyl acetate	12.494	43	96592	19.398	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.935	83	58949	19.369	ug/l	100
76) 1,2,3-Trichloropropane	12.994	75	54908m	18.271	ug/l	
77) Bromobenzene	12.982	156	45048	18.757	ug/l	99
78) n-propylbenzene	13.035	91	211402	19.155	ug/l	99
79) 2-Chlorotoluene	13.129	91	130512	18.857	ug/l	97
80) 1,3,5-Trimethylbenzene	13.176	105	146335	19.326	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.735	75	21644	17.230	ug/l	88
82) 4-Chlorotoluene	13.223	91	127901	18.499	ug/l	98
83) tert-Butylbenzene	13.441	119	120778	18.726	ug/l	99
84) 1,2,4-Trimethylbenzene	13.482	105	150349	19.794	ug/l	99
85) sec-Butylbenzene	13.617	105	170115	18.572	ug/l	100
86) p-Isopropyltoluene	13.729	119	141602	19.197	ug/l	98
87) 1,3-Dichlorobenzene	13.735	146	80842	18.565	ug/l	99
88) 1,4-Dichlorobenzene	13.812	146	81124	17.824	ug/l	99
89) n-Butylbenzene	14.059	91	119440	18.255	ug/l	99
90) Hexachloroethane	14.335	117	29022	18.083	ug/l	99
91) 1,2-Dichlorobenzene	14.106	146	78069	18.362	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.717	75	12976	20.146	ug/l	96
93) 1,2,4-Trichlorobenzene	15.394	180	38110	16.998	ug/l	98
94) Hexachlorobutadiene	15.500	225	18052	16.330	ug/l	98
95) Naphthalene	15.647	128	122354	17.739	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	40212	17.600	ug/l	96

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

