

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061224\
 Data File : VN082524.D
 Acq On : 12 Jun 2024 13:10
 Operator : JC\MD
 Sample : VN0612WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0612WBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 06/13/2024
 Supervised By : Mahesh Dadoda 06/13/2024

Quant Time: Jun 12 16:00:48 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051524W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 16 05:21:06 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	196909	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	336371	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	306069	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	149708	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	155552	50.029	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 100.060%			
35) Dibromofluoromethane	8.165	113	115102	55.626	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 111.260%			
50) Toluene-d8	10.565	98	400521	50.487	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 100.980%			
62) 4-Bromofluorobenzene	12.853	95	149004	52.623	ug/l	0.00
Spiked Amount 50.000	Range 64 - 133		Recovery = 105.240%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.124	85	66441	23.403	ug/l	95
3) Chloromethane	2.359	50	71415	22.197	ug/l	95
4) Vinyl Chloride	2.512	62	70003	23.144	ug/l	95
5) Bromomethane	2.959	94	39477	22.707	ug/l	95
6) Chloroethane	3.124	64	46963	23.779	ug/l	100
7) Trichlorofluoromethane	3.501	101	95475	24.106	ug/l	96
8) Diethyl Ether	3.959	74	32664	23.150	ug/l	73
9) 1,1,2-Trichlorotrifluo...	4.371	101	57361	24.792	ug/l	98
10) Methyl Iodide	4.589	142	55132	23.703	ug/l	98
11) Tert butyl alcohol	5.524	59	49084	98.345	ug/l	98
12) 1,1-Dichloroethene	4.348	96	50882	23.661	ug/l	88
13) Acrolein	4.177	56	25660	69.379	ug/l	96
14) Allyl chloride	5.024	41	108295	23.521	ug/l #	83
15) Acrylonitrile	5.718	53	145223	112.348	ug/l	99
16) Acetone	4.430	43	148552	116.469	ug/l	94
17) Carbon Disulfide	4.712	76	150512	21.670	ug/l	100
18) Methyl Acetate	5.030	43	76569	24.106	ug/l #	85
19) Methyl tert-butyl Ether	5.794	73	177711	22.608	ug/l	93
20) Methylene Chloride	5.277	84	58924	22.897	ug/l #	82
21) trans-1,2-Dichloroethene	5.789	96	55051	23.491	ug/l #	81
22) Diisopropyl ether	6.671	45	218163	22.692	ug/l #	93
23) Vinyl Acetate	6.606	43	849364	112.053	ug/l #	91
24) 1,1-Dichloroethane	6.565	63	115942	23.397	ug/l	95
25) 2-Butanone	7.483	43	219813	113.668	ug/l #	84
26) 2,2-Dichloropropane	7.489	77	101315	24.410	ug/l	96
27) cis-1,2-Dichloroethene	7.489	96	64825	23.439	ug/l	84
28) Bromochloromethane	7.818	49	37002	16.600	ug/l #	76
29) Tetrahydrofuran	7.836	42	139063	112.002	ug/l #	82
30) Chloroform	7.965	83	114297	24.153	ug/l	96
31) Cyclohexane	8.259	56	104443	21.032	ug/l	89
32) 1,1,1-Trichloroethane	8.171	97	100872	24.027	ug/l	94
36) 1,1-Dichloropropene	8.377	75	80687	23.250	ug/l	97
37) Ethyl Acetate	7.559	43	86333	22.229	ug/l #	95
38) Carbon Tetrachloride	8.365	117	89436	25.423	ug/l	98
39) Methylcyclohexane	9.600	83	86161	22.650	ug/l #	88
40) Benzene	8.606	78	246607	23.830	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.783	41	49603	21.717	ug/l #	86
42) 1,2-Dichloroethane	8.671	62	93430	23.474	ug/l	95
43) Isopropyl Acetate	8.688	43	161515	23.470	ug/l #	88
44) Trichloroethene	9.353	130	56553	24.057	ug/l	93
45) 1,2-Dichloropropane	9.618	63	63387	23.740	ug/l	97
46) Dibromomethane	9.712	93	40923	23.345	ug/l	96
47) Bromodichloromethane	9.888	83	92528	25.003	ug/l #	96
48) Methyl methacrylate	9.682	41	72732	22.180	ug/l #	84
49) 1,4-Dioxane	9.694	88	21306	463.676	ug/l #	81
51) 4-Methyl-2-Pentanone	10.447	43	451150	115.383	ug/l	90
52) Toluene	10.629	92	153351	24.693	ug/l	99
53) t-1,3-Dichloropropene	10.835	75	93993	24.558	ug/l	98
54) cis-1,3-Dichloropropene	10.312	75	99767	24.626	ug/l #	81
55) 1,1,2-Trichloroethane	11.018	97	55233	24.473	ug/l	99
56) Ethyl methacrylate	10.877	69	86946	22.691	ug/l #	69
57) 1,3-Dichloropropane	11.165	76	100545	23.827	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.165	63	135046	68.329	ug/l	92
59) 2-Hexanone	11.194	43	336905	117.678	ug/l	89
60) Dibromochloromethane	11.359	129	67034	26.915	ug/l	99
61) 1,2-Dibromoethane	11.471	107	55737	24.044	ug/l	98
64) Tetrachloroethene	11.106	164	57123	25.180	ug/l	96
65) Chlorobenzene	11.894	112	161933	23.949	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.959	131	56437	25.340	ug/l	99
67) Ethyl Benzene	11.965	91	284257	23.501	ug/l	97
68) m/p-Xylenes	12.071	106	213475	48.156	ug/l	95
69) o-Xylene	12.400	106	101381	23.609	ug/l	92
70) Styrene	12.412	104	174143	24.415	ug/l	97
71) Bromoform	12.576	173	43485	24.905	ug/l #	100
73) Isopropylbenzene	12.694	105	260888	21.935	ug/l	98
74) N-amyl acetate	12.494	43	128853	19.696	ug/l #	88
75) 1,1,2,2-Tetrachloroethane	12.941	83	75364	21.982	ug/l	98
76) 1,2,3-Trichloropropane	12.994	75	71518m	22.697	ug/l	
77) Bromobenzene	12.982	156	63752	22.493	ug/l	90
78) n-propylbenzene	13.035	91	316124	22.446	ug/l	98
79) 2-Chlorotoluene	13.129	91	191313	21.632	ug/l	93
80) 1,3,5-Trimethylbenzene	13.176	105	217412	22.607	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.741	75	30032	22.293	ug/l #	84
82) 4-Chlorotoluene	13.223	91	192210	22.229	ug/l	96
83) tert-Butylbenzene	13.441	119	183725	21.837	ug/l	97
84) 1,2,4-Trimethylbenzene	13.482	105	221023	22.464	ug/l	99
85) sec-Butylbenzene	13.618	105	262743	22.530	ug/l	96
86) p-Isopropyltoluene	13.729	119	218151	23.018	ug/l	98
87) 1,3-Dichlorobenzene	13.735	146	117894	22.959	ug/l	99
88) 1,4-Dichlorobenzene	13.812	146	119921	22.882	ug/l	98
89) n-Butylbenzene	14.059	91	188073	22.078	ug/l	98
90) Hexachloroethane	14.335	117	42604	24.263	ug/l	96
91) 1,2-Dichlorobenzene	14.106	146	112456	23.136	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.723	75	15380	21.834	ug/l	91
93) 1,2,4-Trichlorobenzene	15.394	180	59534	21.851	ug/l	97
94) Hexachlorobutadiene	15.506	225	27601	23.087	ug/l	97
95) Naphthalene	15.641	128	181047	21.204	ug/l	98
96) 1,2,3-Trichlorobenzene	15.841	180	60758	22.276	ug/l	97

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

