

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062124\
 Data File : VN082679.D
 Acq On : 21 Jun 2024 15:33
 Operator : JC\MD
 Sample : VN0621WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0621WBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 06/24/2024
 Supervised By : Mahesh Dadoda 06/24/2024

Quant Time: Jun 24 02:21:39 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	151078	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	256279	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	238782	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	114734	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	136382	56.292	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 112.580%			
35) Dibromofluoromethane	8.171	113	93583	53.827	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 107.660%			
50) Toluene-d8	10.571	98	354497	53.919	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 107.840%			
62) 4-Bromofluorobenzene	12.853	95	114216	50.388	ug/l	0.00
Spiked Amount 50.000	Range 64 - 133		Recovery = 100.780%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.124	85	43006	20.382	ug/l	97
3) Chloromethane	2.359	50	49190	19.447	ug/l	97
4) Vinyl Chloride	2.512	62	52542	21.828	ug/l	95
5) Bromomethane	2.948	94	31402	20.265	ug/l	98
6) Chloroethane	3.118	64	35239	20.530	ug/l	96
7) Trichlorofluoromethane	3.489	101	66516	21.181	ug/l	97
8) Diethyl Ether	3.965	74	20905	19.546	ug/l	94
9) 1,1,2-Trichlorotrifluo...	4.371	101	38212	21.723	ug/l	98
10) Methyl Iodide	4.589	142	26917	16.064	ug/l	96
11) Tert butyl alcohol	5.530	59	44965	113.400	ug/l	100
12) 1,1-Dichloroethene	4.342	96	33679	20.022	ug/l	99
13) Acrolein	4.183	56	34537	85.504	ug/l	99
14) Allyl chloride	5.024	41	65850	20.016	ug/l	96
15) Acrylonitrile	5.718	53	121361	115.951	ug/l	99
16) Acetone	4.430	43	110277	100.085	ug/l	100
17) Carbon Disulfide	4.706	76	98417	18.423	ug/l	99
18) Methyl Acetate	5.030	43	65554	24.326	ug/l	100
19) Methyl tert-butyl Ether	5.806	73	123320	21.417	ug/l	97
20) Methylene Chloride	5.277	84	42596	21.989	ug/l	97
21) trans-1,2-Dichloroethene	5.783	96	36508	20.421	ug/l	91
22) Diisopropyl ether	6.677	45	150440	21.805	ug/l	97
23) Vinyl Acetate	6.606	43	583695	106.687	ug/l	100
24) 1,1-Dichloroethane	6.571	63	80997	21.672	ug/l	99
25) 2-Butanone	7.489	43	176437	112.659	ug/l	99
26) 2,2-Dichloropropane	7.494	77	68311	21.069	ug/l	99
27) cis-1,2-Dichloroethene	7.494	96	43026	19.974	ug/l	96
28) Bromochloromethane	7.818	49	40259	23.604	ug/l	99
29) Tetrahydrofuran	7.847	42	119031	124.153	ug/l	99
30) Chloroform	7.971	83	81186	22.269	ug/l	99
31) Cyclohexane	8.259	56	65831	18.828	ug/l	98
32) 1,1,1-Trichloroethane	8.171	97	72140	21.821	ug/l	97
36) 1,1-Dichloropropene	8.377	75	53526	20.595	ug/l	99
37) Ethyl Acetate	7.565	43	71281	21.531	ug/l	99
38) Carbon Tetrachloride	8.365	117	60940	20.806	ug/l	99
39) Methylcyclohexane	9.606	83	51894	18.973	ug/l	97
40) Benzene	8.612	78	168646	21.000	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.783	41	38486	22.742	ug/l	98
42) 1,2-Dichloroethane	8.671	62	66291	21.702	ug/l	98
43) Isopropyl Acetate	8.694	43	133875	21.638	ug/l	96
44) Trichloroethene	9.353	130	37645	20.188	ug/l	97
45) 1,2-Dichloropropane	9.624	63	44915	21.729	ug/l	92
46) Dibromomethane	9.712	93	31707	22.629	ug/l	97
47) Bromodichloromethane	9.894	83	66837	22.374	ug/l	99
48) Methyl methacrylate	9.688	41	54984	21.558	ug/l	99
49) 1,4-Dioxane	9.700	88	19784	495.902	ug/l	94
51) 4-Methyl-2-Pentanone	10.447	43	379895	119.713	ug/l	99
52) Toluene	10.635	92	103913	21.352	ug/l	98
53) t-1,3-Dichloropropene	10.841	75	64112	20.994	ug/l	98
54) cis-1,3-Dichloropropene	10.318	75	67976	21.525	ug/l	98
55) 1,1,2-Trichloroethane	11.018	97	40200	22.822	ug/l	99
56) Ethyl methacrylate	10.877	69	62274	21.345	ug/l	97
57) 1,3-Dichloropropane	11.165	76	70830	21.751	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.165	63	168525	109.196	ug/l	98
59) 2-Hexanone	11.200	43	288463	119.599	ug/l	99
60) Dibromochloromethane	11.365	129	47240	21.969	ug/l	100
61) 1,2-Dibromoethane	11.471	107	40876	22.009	ug/l	99
64) Tetrachloroethene	11.106	164	37444	19.019	ug/l	93
65) Chlorobenzene	11.894	112	110182	20.122	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.965	131	40703	20.846	ug/l	99
67) Ethyl Benzene	11.965	91	184424	19.767	ug/l	98
68) m/p-Xylenes	12.071	106	143912	41.461	ug/l	97
69) o-Xylene	12.400	106	66259	20.318	ug/l	99
70) Styrene	12.412	104	113543	20.514	ug/l	98
71) Bromoform	12.582	173	32315	20.934	ug/l #	98
73) Isopropylbenzene	12.700	105	167139	19.184	ug/l	99
74) N-amyl acetate	12.494	43	96887	20.837	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.941	83	60867	21.418	ug/l	99
76) 1,2,3-Trichloropropane	13.000	75	59013m	21.029	ug/l	
77) Bromobenzene	12.982	156	43424	19.364	ug/l	96
78) n-propylbenzene	13.041	91	206118	20.001	ug/l	98
79) 2-Chlorotoluene	13.129	91	125525	19.423	ug/l	99
80) 1,3,5-Trimethylbenzene	13.176	105	144957	20.502	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.741	75	23047m	19.649	ug/l	
82) 4-Chlorotoluene	13.223	91	124006	19.208	ug/l	100
83) tert-Butylbenzene	13.441	119	117611	19.528	ug/l	99
84) 1,2,4-Trimethylbenzene	13.482	105	143213	20.192	ug/l	98
85) sec-Butylbenzene	13.618	105	165928	19.399	ug/l	100
86) p-Isopropyltoluene	13.729	119	135575	19.683	ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	80342	19.759	ug/l	99
88) 1,4-Dichlorobenzene	13.818	146	79312	18.662	ug/l	99
89) n-Butylbenzene	14.059	91	114156	18.684	ug/l	98
90) Hexachloroethane	14.335	117	29564	19.727	ug/l	98
91) 1,2-Dichlorobenzene	14.106	146	78325	19.728	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.723	75	13974	23.234	ug/l	98
93) 1,2,4-Trichlorobenzene	15.394	180	38003	18.153	ug/l	99
94) Hexachlorobutadiene	15.506	225	18323	17.751	ug/l	95
95) Naphthalene	15.647	128	124140	19.274	ug/l	100
96) 1,2,3-Trichlorobenzene	15.841	180	39983	18.741	ug/l	97

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

