

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061724\
 Data File : VN082607.D
 Acq On : 17 Jun 2024 14:22
 Operator : JC\MD
 Sample : VN0617WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0617WBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 06/18/2024
 Supervised By : Mahesh Dadoda 06/18/2024

Quant Time: Jun 18 04:55:35 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	172384	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	291013	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	263375	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	121237	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	142755	51.640	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 103.280%			
35) Dibromofluoromethane	8.171	113	98515	49.901	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 99.800%			
50) Toluene-d8	10.571	98	384392	51.488	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 102.980%			
62) 4-Bromofluorobenzene	12.853	95	125858	48.897	ug/l	0.00
Spiked Amount 50.000	Range 64 - 133		Recovery = 97.800%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.124	85	47336	19.662	ug/l	97
3) Chloromethane	2.359	50	53533	18.549	ug/l	99
4) Vinyl Chloride	2.512	62	52906	19.262	ug/l	99
5) Bromomethane	2.954	94	32090	18.150	ug/l	94
6) Chloroethane	3.118	64	36151	18.458	ug/l	100
7) Trichlorofluoromethane	3.495	101	67651	18.879	ug/l	99
8) Diethyl Ether	3.959	74	23414	19.186	ug/l	98
9) 1,1,2-Trichlorotrifluo...	4.371	101	40126	19.992	ug/l	98
10) Methyl Iodide	4.589	142	35073	18.345	ug/l	96
11) Tert butyl alcohol	5.530	59	46939	103.747	ug/l	99
12) 1,1-Dichloroethene	4.342	96	35609	18.553	ug/l	94
13) Acrolein	4.183	56	48316	104.832	ug/l	98
14) Allyl chloride	5.024	41	73617m	19.612	ug/l	
15) Acrylonitrile	5.724	53	120105	100.568	ug/l	99
16) Acetone	4.430	43	119557	95.096	ug/l	97
17) Carbon Disulfide	4.712	76	111861	18.352	ug/l	99
18) Methyl Acetate	5.030	43	60984	19.833	ug/l	100
19) Methyl tert-butyl Ether	5.794	73	129691	19.740	ug/l	94
20) Methylene Chloride	5.277	84	45964	20.795	ug/l	91
21) trans-1,2-Dichloroethene	5.783	96	38894	19.067	ug/l	98
22) Diisopropyl ether	6.671	45	155466	19.749	ug/l	96
23) Vinyl Acetate	6.606	43	631371	101.138	ug/l	100
24) 1,1-Dichloroethane	6.565	63	81243	19.051	ug/l	99
25) 2-Butanone	7.488	43	184929	103.487	ug/l	98
26) 2,2-Dichloropropane	7.494	77	69998	18.921	ug/l	100
27) cis-1,2-Dichloroethene	7.488	96	44964	18.294	ug/l	99
28) Bromochloromethane	7.812	49	39012	20.046	ug/l	95
29) Tetrahydrofuran	7.841	42	119940	109.639	ug/l	99
30) Chloroform	7.971	83	81226	19.526	ug/l	98
31) Cyclohexane	8.259	56	76222	19.105	ug/l	95
32) 1,1,1-Trichloroethane	8.171	97	72670	19.264	ug/l	97
36) 1,1-Dichloropropene	8.371	75	56310	19.080	ug/l	98
37) Ethyl Acetate	7.559	43	68364	18.185	ug/l	100
38) Carbon Tetrachloride	8.359	117	62730	18.861	ug/l	99
39) Methylcyclohexane	9.606	83	60075	19.343	ug/l	96
40) Benzene	8.612	78	172375	18.903	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.783	41	37564	19.548	ug/l	97
42) 1,2-Dichloroethane	8.671	62	66914	19.291	ug/l	100
43) Isopropyl Acetate	8.694	43	123236	17.541	ug/l	99
44) Trichloroethene	9.353	130	39187	18.506	ug/l	95
45) 1,2-Dichloropropane	9.624	63	44593	18.998	ug/l	92
46) Dibromomethane	9.712	93	31136	19.569	ug/l	99
47) Bromodichloromethane	9.888	83	64418	18.990	ug/l #	99
48) Methyl methacrylate	9.682	41	57172	19.740	ug/l	99
49) 1,4-Dioxane	9.700	88	19428	428.855	ug/l	97
51) 4-Methyl-2-Pentanone	10.447	43	372822	103.462	ug/l	100
52) Toluene	10.629	92	107592	19.469	ug/l	100
53) t-1,3-Dichloropropene	10.835	75	65871	18.995	ug/l	99
54) cis-1,3-Dichloropropene	10.318	75	70155	19.564	ug/l	96
55) 1,1,2-Trichloroethane	11.018	97	40404	20.200	ug/l	96
56) Ethyl methacrylate	10.877	69	66827	20.172	ug/l	99
57) 1,3-Dichloropropane	11.165	76	73483	19.872	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.165	63	180792	103.163	ug/l	98
59) 2-Hexanone	11.200	43	281170	102.661	ug/l	100
60) Dibromochloromethane	11.359	129	47582	19.487	ug/l	99
61) 1,2-Dibromoethane	11.471	107	40393	19.153	ug/l	97
64) Tetrachloroethene	11.106	164	39455	18.169	ug/l	98
65) Chlorobenzene	11.894	112	114243	18.916	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.965	131	40768	18.930	ug/l	98
67) Ethyl Benzene	11.965	91	194114	18.862	ug/l	100
68) m/p-Xylenes	12.076	106	148111	38.686	ug/l	99
69) o-Xylene	12.400	106	70356	19.560	ug/l	97
70) Styrene	12.412	104	117423	19.234	ug/l	99
71) Bromoform	12.582	173	31572	18.543	ug/l #	98
73) Isopropylbenzene	12.700	105	179264	19.472	ug/l	99
74) N-amyl acetate	12.494	43	95822	19.503	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.941	83	59282	19.741	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	57060m	19.243	ug/l	
77) Bromobenzene	12.982	156	45124	19.042	ug/l	99
78) n-propylbenzene	13.035	91	213123	19.571	ug/l	100
79) 2-Chlorotoluene	13.129	91	131473	19.252	ug/l	98
80) 1,3,5-Trimethylbenzene	13.176	105	147796	19.783	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.735	75	22841	18.428	ug/l	97
82) 4-Chlorotoluene	13.223	91	128750	18.873	ug/l	100
83) tert-Butylbenzene	13.441	119	124022	19.488	ug/l	98
84) 1,2,4-Trimethylbenzene	13.482	105	150405	20.068	ug/l	99
85) sec-Butylbenzene	13.618	105	172421	19.077	ug/l	99
86) p-Isopropyltoluene	13.729	119	142229	19.542	ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	79194	18.432	ug/l	98
88) 1,4-Dichlorobenzene	13.812	146	80028	17.820	ug/l	99
89) n-Butylbenzene	14.059	91	119333	18.484	ug/l	99
90) Hexachloroethane	14.335	117	30245	19.099	ug/l	96
91) 1,2-Dichlorobenzene	14.106	146	77541	18.483	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.723	75	13397	21.080	ug/l	98
93) 1,2,4-Trichlorobenzene	15.394	180	40019	18.090	ug/l	97
94) Hexachlorobutadiene	15.500	225	17935	16.443	ug/l	99
95) Naphthalene	15.641	128	127247	18.697	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	40376	17.910	ug/l	96

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

