

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061224\
 Data File : VN082527.D
 Acq On : 12 Jun 2024 14:22
 Operator : JC\MD
 Sample : VN0612WBS02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0612WBS02

Manual Integrations
 APPROVED

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

Quant Time: Jun 12 16:03:08 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	8.224	168	160944	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	272247	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	248650	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	117571	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	121801	47.928	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	95.860%		
35) Dibromofluoromethane	8.165	113	88664	52.942	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	105.880%		
50) Toluene-d8	10.565	98	304573	47.435	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	94.880%		
62) 4-Bromofluorobenzene	12.847	95	111202	48.523	ug/l	0.00
Spiked Amount 50.000	Range 64 - 133		Recovery =	97.040%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.124	85	50912	21.941	ug/l	100
3) Chloromethane	2.359	50	54640	20.778	ug/l	100
4) Vinyl Chloride	2.518	62	53645	21.699	ug/l	99
5) Bromomethane	2.959	94	31288	22.018	ug/l	88
6) Chloroethane	3.124	64	35871	22.221	ug/l	97
7) Trichlorofluoromethane	3.501	101	72607	22.428	ug/l	97
8) Diethyl Ether	3.959	74	24419	21.174	ug/l	68
9) 1,1,2-Trichlorotrifluo...	4.377	101	42081	22.252	ug/l	99
10) Methyl Iodide	4.589	142	38184	20.085	ug/l #	97
11) Tert butyl alcohol	5.524	59	42719	104.718	ug/l	98
12) 1,1-Dichloroethene	4.348	96	38574	21.946	ug/l	93
13) Acrolein	4.177	56	30945	102.365	ug/l	97
14) Allyl chloride	5.024	41	73866	19.628	ug/l #	91
15) Acrylonitrile	5.718	53	119041	112.673	ug/l	99
16) Acetone	4.424	43	117853	113.048	ug/l	91
17) Carbon Disulfide	4.718	76	114254	20.126	ug/l	98
18) Methyl Acetate	5.024	43	61746	23.783	ug/l #	86
19) Methyl tert-butyl Ether	5.800	73	137593	21.416	ug/l	96
20) Methylene Chloride	5.277	84	47293	22.484	ug/l #	74
21) trans-1,2-Dichloroethene	5.789	96	39865	20.812	ug/l #	80
22) Diisopropyl ether	6.677	45	166431	21.179	ug/l #	93
23) Vinyl Acetate	6.606	43	647726	104.547	ug/l #	90
24) 1,1-Dichloroethane	6.565	63	88368	21.818	ug/l	96
25) 2-Butanone	7.483	43	176194	111.473	ug/l #	82
26) 2,2-Dichloropropane	7.489	77	75034	22.117	ug/l	94
27) cis-1,2-Dichloroethene	7.489	96	49382	21.845	ug/l	82
28) Bromochloromethane	7.812	49	29809	16.355	ug/l #	75
29) Tetrahydrofuran	7.841	42	112808	111.159	ug/l #	83
30) Chloroform	7.965	83	87309	22.573	ug/l	98
31) Cyclohexane	8.259	56	78171	19.259	ug/l	86
32) 1,1,1-Trichloroethane	8.171	97	79309	23.113	ug/l	95
36) 1,1-Dichloropropene	8.371	75	60768	21.635	ug/l	94
37) Ethyl Acetate	7.559	43	72921	23.198	ug/l #	93
38) Carbon Tetrachloride	8.365	117	66868	23.485	ug/l	99
39) Methylcyclohexane	9.606	83	61946	20.120	ug/l #	85
40) Benzene	8.606	78	187362	22.369	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	38852	21.016	ug/l #	86
42) 1,2-Dichloroethane	8.677	62	71007	22.043	ug/l	96
43) Isopropyl Acetate	8.688	43	127727	22.932	ug/l #	87
44) Trichloroethene	9.353	130	42528	22.352	ug/l	99
45) 1,2-Dichloropropane	9.624	63	48212	22.309	ug/l	100
46) Dibromomethane	9.712	93	31617	22.284	ug/l	96
47) Bromodichloromethane	9.888	83	70611	23.574	ug/l	98
48) Methyl methacrylate	9.683	41	57639	21.718	ug/l #	82
49) 1,4-Dioxane	9.700	88	18936	509.162	ug/l #	87
51) 4-Methyl-2-Pentanone	10.447	43	364122	115.060	ug/l	89
52) Toluene	10.630	92	113650	22.611	ug/l	98
53) t-1,3-Dichloropropene	10.835	75	69181	22.333	ug/l	97
54) cis-1,3-Dichloropropene	10.312	75	73933	22.547	ug/l #	85
55) 1,1,2-Trichloroethane	11.018	97	42576	23.309	ug/l	97
56) Ethyl methacrylate	10.877	69	68293	22.021	ug/l #	75
57) 1,3-Dichloropropane	11.165	76	77467	22.682	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.165	63	161391	100.893	ug/l	91
59) 2-Hexanone	11.194	43	266518	115.019	ug/l	89
60) Dibromochloromethane	11.359	129	50617	25.110	ug/l	98
61) 1,2-Dibromoethane	11.471	107	42600	22.706	ug/l	99
64) Tetrachloroethene	11.106	164	41898	22.734	ug/l	97
65) Chlorobenzene	11.894	112	121052	22.037	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.959	131	43127	23.835	ug/l	100
67) Ethyl Benzene	11.965	91	208640	21.233	ug/l	96
68) m/p-Xylenes	12.071	106	157579	43.755	ug/l	95
69) o-Xylene	12.400	106	74127	21.249	ug/l	93
70) Styrene	12.412	104	125238	21.613	ug/l	96
71) Bromoform	12.582	173	33293	23.512	ug/l #	97
73) Isopropylbenzene	12.694	105	189296	20.266	ug/l	98
74) N-amyl acetate	12.494	43	97732	19.022	ug/l #	89
75) 1,1,2,2-Tetrachloroethane	12.941	83	58280	21.645	ug/l	98
76) 1,2,3-Trichloropropane	12.994	75	56057m	22.653	ug/l	
77) Bromobenzene	12.982	156	46841	21.043	ug/l	91
78) n-propylbenzene	13.035	91	224413	20.290	ug/l	96
79) 2-Chlorotoluene	13.123	91	136440	19.645	ug/l	98
80) 1,3,5-Trimethylbenzene	13.176	105	157910	20.908	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.735	75	22753	21.506	ug/l #	82
82) 4-Chlorotoluene	13.223	91	137335	20.224	ug/l	96
83) tert-Butylbenzene	13.441	119	132847	20.106	ug/l	97
84) 1,2,4-Trimethylbenzene	13.482	105	156795	20.292	ug/l	98
85) sec-Butylbenzene	13.618	105	186716	20.388	ug/l	99
86) p-Isopropyltoluene	13.729	119	152080	20.433	ug/l	98
87) 1,3-Dichlorobenzene	13.735	146	84030	20.837	ug/l	100
88) 1,4-Dichlorobenzene	13.812	146	83441	20.273	ug/l	95
89) n-Butylbenzene	14.059	91	129613	19.375	ug/l	96
90) Hexachloroethane	14.335	117	31148	22.587	ug/l	95
91) 1,2-Dichlorobenzene	14.106	146	82203	21.535	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.723	75	12985	23.473	ug/l	84
93) 1,2,4-Trichlorobenzene	15.394	180	40829	19.082	ug/l	97
94) Hexachlorobutadiene	15.500	225	19793	21.081	ug/l	99
95) Naphthalene	15.641	128	130058	19.396	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	43090	20.116	ug/l	98

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

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