

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120623\
 Data File : VN080380.D
 Acq On : 06 Dec 2023 12:49
 Operator : JC\MD
 Sample : VN1206WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1206WBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 12/08/2023
 Supervised By : Mahesh Dadoda 12/08/2023

Quant Time: Dec 07 00:57:30 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N111623W.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 17 01:19:32 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	214316	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	325652	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	299087	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	142593	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	168226	47.539	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	95.080%		
35) Dibromofluoromethane	8.165	113	124838	51.953	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	103.900%		
50) Toluene-d8	10.571	98	428069	49.420	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	98.840%		
62) 4-Bromofluorobenzene	12.847	95	163563	49.993	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	99.980%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.124	85	59446	18.621	ug/l	99
3) Chloromethane	2.359	50	41440	17.266	ug/l	99
4) Vinyl Chloride	2.512	62	44627	17.570	ug/l	95
5) Bromomethane	2.959	94	31599	18.326	ug/l	90
6) Chloroethane	3.124	64	30032	18.016	ug/l	94
7) Trichlorofluoromethane	3.501	101	104723	19.765	ug/l	95
8) Diethyl Ether	3.959	74	29550	19.176	ug/l	93
9) 1,1,2-Trichlorotrifluo...	4.377	101	45827	18.923	ug/l	90
10) Methyl Iodide	4.589	142	49177	18.789	ug/l #	86
11) Tert butyl alcohol	5.512	59	35846	92.114	ug/l #	93
12) 1,1-Dichloroethene	4.336	96	43697	19.291	ug/l	92
13) Acrolein	4.177	56	43041	124.978	ug/l	97
14) Allyl chloride	5.030	41	50586	17.750	ug/l	91
15) Acrylonitrile	5.712	53	99572	95.314	ug/l	98
16) Acetone	4.424	43	90064	75.776	ug/l	92
17) Carbon Disulfide	4.712	76	113421	16.769	ug/l	99
18) Methyl Acetate	5.018	43	69289	18.144	ug/l	95
19) Methyl tert-butyl Ether	5.789	73	161734	20.218	ug/l	98
20) Methylene Chloride	5.271	84	51827	20.822	ug/l	93
21) trans-1,2-Dichloroethene	5.783	96	48456	19.472	ug/l #	84
22) Diisopropyl ether	6.671	45	125248	19.864	ug/l	95
23) Vinyl Acetate	6.600	43	350861	92.559	ug/l	97
24) 1,1-Dichloroethane	6.565	63	88726	19.320	ug/l	97
25) 2-Butanone	7.477	43	116061	82.187	ug/l	88
26) 2,2-Dichloropropane	7.494	77	87374	19.177	ug/l	97
27) cis-1,2-Dichloroethene	7.488	96	55556	19.691	ug/l	86
28) Bromochloromethane	7.818	49	32208	17.840	ug/l	99
29) Tetrahydrofuran	7.841	42	71422	94.206	ug/l	94
30) Chloroform	7.965	83	106313	20.712	ug/l	95
31) Cyclohexane	8.259	56	67243	17.473	ug/l	86
32) 1,1,1-Trichloroethane	8.165	97	101575	20.292	ug/l	99
36) 1,1-Dichloropropene	8.371	75	69503	19.978	ug/l	96
37) Ethyl Acetate	7.559	43	46702	19.354	ug/l	98
38) Carbon Tetrachloride	8.365	117	90793	20.566	ug/l	96
39) Methylcyclohexane	9.600	83	64234	19.149	ug/l #	89
40) Benzene	8.606	78	207091	20.945	ug/l	97

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41) Methacrylonitrile	7.777	41	26458	19.965	ug/l	92
42) 1,2-Dichloroethane	8.671	62	86479	21.378	ug/l	95
43) Isopropyl Acetate	8.688	43	81139	17.279	ug/l	97
44) Trichloroethene	9.353	130	55509	21.402	ug/l	91
45) 1,2-Dichloropropane	9.624	63	46938	20.428	ug/l	94
46) Dibromomethane	9.712	93	37273	21.429	ug/l #	86
47) Bromodichloromethane	9.888	83	84208	22.009	ug/l	96
48) Methyl methacrylate	9.682	41	48109	19.880	ug/l	91
49) 1,4-Dioxane	9.694	88	14560	361.663	ug/l #	84
51) 4-Methyl-2-Pentanone	10.447	43	236580	97.313	ug/l	97
52) Toluene	10.629	92	132039	21.339	ug/l	99
53) t-1,3-Dichloropropene	10.841	75	83293	21.189	ug/l	99
54) cis-1,3-Dichloropropene	10.312	75	86741	21.598	ug/l	96
55) 1,1,2-Trichloroethane	11.018	97	50589	21.421	ug/l	97
56) Ethyl methacrylate	10.871	69	49730	20.612	ug/l #	89
57) 1,3-Dichloropropane	11.165	76	86720	21.031	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.159	63	122082	89.817	ug/l	99
59) 2-Hexanone	11.194	43	173582	88.854	ug/l	97
60) Dibromochloromethane	11.359	129	62532	22.116	ug/l	99
61) 1,2-Dibromoethane	11.471	107	51095	21.207	ug/l	97
64) Tetrachloroethene	11.106	164	56418	24.717	ug/l	96
65) Chlorobenzene	11.894	112	138168	20.387	ug/l	95
66) 1,1,1,2-Tetrachloroethane	11.959	131	58355	22.189	ug/l	94
67) Ethyl Benzene	11.965	91	244077	20.239	ug/l	97
68) m/p-Xylenes	12.071	106	188494	42.869	ug/l	93
69) o-Xylene	12.400	106	87548	21.128	ug/l	89
70) Styrene	12.412	104	129236	20.954	ug/l	93
71) Bromoform	12.576	173	42434	21.757	ug/l #	100
73) Isopropylbenzene	12.694	105	225637	20.363	ug/l	100
74) N-amyl acetate	12.494	43	61560	17.815	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.941	83	65129	19.639	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	63516m	18.180	ug/l	
77) Bromobenzene	12.982	156	56978	20.396	ug/l	95
78) n-propylbenzene	13.035	91	250210	20.194	ug/l	100
79) 2-Chlorotoluene	13.129	91	165510	20.566	ug/l	98
80) 1,3,5-Trimethylbenzene	13.176	105	199810	20.715	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.735	75	18189	17.589	ug/l #	78
82) 4-Chlorotoluene	13.223	91	171585	20.812	ug/l	97
83) tert-Butylbenzene	13.441	119	157276	20.333	ug/l	94
84) 1,2,4-Trimethylbenzene	13.482	105	200102	21.068	ug/l	97
85) sec-Butylbenzene	13.618	105	198630	20.299	ug/l	99
86) p-Isopropyltoluene	13.729	119	180805	20.685	ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	102140	20.293	ug/l	99
88) 1,4-Dichlorobenzene	13.812	146	101093	19.986	ug/l	98
89) n-Butylbenzene	14.059	91	139803	19.109	ug/l	99
90) Hexachloroethane	14.335	117	33640	19.741	ug/l	70
91) 1,2-Dichlorobenzene	14.106	146	97766	20.298	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.717	75	12895	16.740	ug/l	98
93) 1,2,4-Trichlorobenzene	15.394	180	48904	17.458	ug/l	98
94) Hexachlorobutadiene	15.506	225	30362	18.834	ug/l	98
95) Naphthalene	15.641	128	129429	15.933	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	45804	17.444	ug/l	98

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

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