

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN031524\
 Data File : VN081448.D
 Acq On : 16 Mar 2024 00:28
 Operator : JC\MD
 Sample : VN0315WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0315WBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 03/18/2024
 Supervised By : Mahesh Dadoda 03/18/2024

Quant Time: Mar 16 01:34:40 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N030524W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 06 03:12:57 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	277147	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	522244	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	469880	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	213972	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	218585	54.548	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 109.100%			
35) Dibromofluoromethane	8.171	113	168492	52.660	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 105.320%			
50) Toluene-d8	10.571	98	623271	52.109	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 104.220%			
62) 4-Bromofluorobenzene	12.853	95	211294	49.981	ug/l	0.00
Spiked Amount 50.000	Range 64 - 133		Recovery = 99.960%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.124	85	73307	19.954	ug/l	99
3) Chloromethane	2.359	50	72001	18.143	ug/l	97
4) Vinyl Chloride	2.518	62	74995	18.115	ug/l	98
5) Bromomethane	2.965	94	47058	17.019	ug/l	93
6) Chloroethane	3.124	64	54519	19.174	ug/l	97
7) Trichlorofluoromethane	3.501	101	120918	19.744	ug/l	94
8) Diethyl Ether	3.971	74	40202	18.632	ug/l	90
9) 1,1,2-Trichlorotrifluo...	4.377	101	66806	19.155	ug/l	95
10) Methyl Iodide	4.589	142	59143	18.531	ug/l	98
11) Tert butyl alcohol	5.512	59	60240	85.972	ug/l	99
12) 1,1-Dichloroethene	4.348	96	60170	18.630	ug/l	89
13) Acrolein	4.183	56	57166	68.899	ug/l	99
14) Allyl chloride	5.030	41	87834	18.325	ug/l	86
15) Acrylonitrile	5.718	53	181263	99.022	ug/l	96
16) Acetone	4.430	43	146616	103.266	ug/l	94
17) Carbon Disulfide	4.718	76	156510	16.978	ug/l	98
18) Methyl Acetate	5.030	43	100928	24.829	ug/l	93
19) Methyl tert-butyl Ether	5.800	73	213142	19.458	ug/l	99
20) Methylene Chloride	5.283	84	70729	19.675	ug/l #	94
21) trans-1,2-Dichloroethene	5.789	96	66854	18.359	ug/l	99
22) Diisopropyl ether	6.671	45	227517	21.371	ug/l	95
23) Vinyl Acetate	6.606	43	843315	97.506	ug/l #	93
24) 1,1-Dichloroethane	6.571	63	135291	20.760	ug/l	99
25) 2-Butanone	7.483	43	235476	99.035	ug/l	92
26) 2,2-Dichloropropane	7.489	77	98863	17.164	ug/l	96
27) cis-1,2-Dichloroethene	7.483	96	78623	19.044	ug/l	92
28) Bromochloromethane	7.812	49	46414	16.645	ug/l #	77
29) Tetrahydrofuran	7.841	42	159072	98.111	ug/l #	89
30) Chloroform	7.971	83	142036	21.002	ug/l	96
31) Cyclohexane	8.259	56	109869	18.110	ug/l #	78
32) 1,1,1-Trichloroethane	8.171	97	123470	20.655	ug/l	93
36) 1,1-Dichloropropene	8.377	75	96009	18.599	ug/l	98
37) Ethyl Acetate	7.565	43	94183	18.665	ug/l	97
38) Carbon Tetrachloride	8.365	117	103483	19.919	ug/l	97
39) Methylcyclohexane	9.606	83	101873	17.148	ug/l	92
40) Benzene	8.612	78	289909	18.816	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.783	41	54080	18.978	ug/l	96
42) 1,2-Dichloroethane	8.671	62	110651	20.368	ug/l	99
43) Isopropyl Acetate	8.694	43	162894	18.444	ug/l	96
44) Trichloroethene	9.353	130	73005	18.787	ug/l	99
45) 1,2-Dichloropropane	9.624	63	79064	20.427	ug/l	99
46) Dibromomethane	9.712	93	54024	19.802	ug/l	92
47) Bromodichloromethane	9.894	83	111549	21.062	ug/l #	98
48) Methyl methacrylate	9.682	41	77108	19.751	ug/l	92
49) 1,4-Dioxane	9.694	88	28508	331.309	ug/l #	89
51) 4-Methyl-2-Pentanone	10.447	43	525513	102.474	ug/l	97
52) Toluene	10.635	92	188616	20.265	ug/l	99
53) t-1,3-Dichloropropene	10.841	75	110443	19.273	ug/l	95
54) cis-1,3-Dichloropropene	10.312	75	117078	18.925	ug/l	95
55) 1,1,2-Trichloroethane	11.018	97	78699	21.322	ug/l	95
56) Ethyl methacrylate	10.877	69	104839	19.781	ug/l	94
57) 1,3-Dichloropropane	11.165	76	128986	20.024	ug/l	97
58) 2-Chloroethyl Vinyl ether	10.159	63	301494	105.754	ug/l	93
59) 2-Hexanone	11.200	43	391701	102.170	ug/l	99
60) Dibromochloromethane	11.365	129	80120	21.077	ug/l	96
61) 1,2-Dibromoethane	11.471	107	74429	19.435	ug/l	97
64) Tetrachloroethene	11.106	164	72189	19.621	ug/l	90
65) Chlorobenzene	11.894	112	190282	19.217	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.965	131	74633	20.598	ug/l	97
67) Ethyl Benzene	11.965	91	341790	19.163	ug/l	100
68) m/p-Xylenes	12.071	106	252167	37.567	ug/l	99
69) o-Xylene	12.400	106	122468	18.826	ug/l	100
70) Styrene	12.418	104	205931	19.975	ug/l	97
71) Bromoform	12.582	173	49457	19.661	ug/l #	98
73) Isopropylbenzene	12.700	105	325937	18.864	ug/l	99
74) N-amyl acetate	12.494	43	136904	18.884	ug/l #	92
75) 1,1,2,2-Tetrachloroethane	12.941	83	102993	19.315	ug/l	100
76) 1,2,3-Trichloropropane	12.994	75	102706m	20.322	ug/l	
77) Bromobenzene	12.982	156	75032	18.316	ug/l	83
78) n-propylbenzene	13.041	91	393502	19.255	ug/l	97
79) 2-Chlorotoluene	13.129	91	241933	19.368	ug/l	96
80) 1,3,5-Trimethylbenzene	13.176	105	275386	19.281	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.735	75	32242	17.804	ug/l #	83
82) 4-Chlorotoluene	13.223	91	233103	18.893	ug/l	97
83) tert-Butylbenzene	13.441	119	224361	18.323	ug/l	99
84) 1,2,4-Trimethylbenzene	13.482	105	280920	19.413	ug/l	97
85) sec-Butylbenzene	13.618	105	336631	19.003	ug/l	96
86) p-Isopropyltoluene	13.729	119	269947	19.002	ug/l	98
87) 1,3-Dichlorobenzene	13.735	146	138417	17.894	ug/l	97
88) 1,4-Dichlorobenzene	13.818	146	143521	18.563	ug/l	96
89) n-Butylbenzene	14.059	91	231230	17.749	ug/l	96
90) Hexachloroethane	14.335	117	52137	20.962	ug/l	94
91) 1,2-Dichlorobenzene	14.106	146	138518	18.664	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	14.723	75	20103	17.618	ug/l	76
93) 1,2,4-Trichlorobenzene	15.394	180	70464	17.762	ug/l	99
94) Hexachlorobutadiene	15.506	225	28492	17.381	ug/l	93
95) Naphthalene	15.641	128	246111	17.435	ug/l	99
96) 1,2,3-Trichlorobenzene	15.847	180	69284	17.222	ug/l	96

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

