

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN101124\
 Data File : VN084394.D
 Acq On : 11 Oct 2024 11:09
 Operator : JC\MD
 Sample : VN1011WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1011WBS01

Manual Integrations
 APPROVED

Reviewed By :John Carlone 10/14/2024
 Supervised By :Mahesh Dadoda 10/14/2024

Quant Time: Oct 14 02:04:16 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N093024W.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 01 07:11:01 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	160572	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	275669	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	247431	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	121248	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	115742	48.615	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	97.240%		
35) Dibromofluoromethane	8.165	113	91198	50.181	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	100.360%		
50) Toluene-d8	10.565	98	333143	49.824	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	99.640%		
62) 4-Bromofluorobenzene	12.847	95	122288	50.202	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	100.400%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.130	85	33214	17.487	ug/l	96
3) Chloromethane	2.360	50	38023	17.533	ug/l	97
4) Vinyl Chloride	2.512	62	38506	18.330	ug/l	99
5) Bromomethane	2.959	94	24743	17.857	ug/l	98
6) Chloroethane	3.124	64	24271	16.133	ug/l	93
7) Trichlorofluoromethane	3.495	101	63265	19.340	ug/l	95
8) Diethyl Ether	3.959	74	21730	17.911	ug/l	96
9) 1,1,2-Trichlorotrifluo...	4.371	101	37852	20.195	ug/l	97
10) Methyl Iodide	4.589	142	42130	17.454	ug/l	91
11) Tert butyl alcohol	5.518	59	38671	98.507	ug/l #	85
12) 1,1-Dichloroethene	4.342	96	34099	18.861	ug/l	94
13) Acrolein	4.177	56	38978	86.487	ug/l	99
14) Allyl chloride	5.024	41	55263	17.600	ug/l	96
15) Acrylonitrile	5.724	53	103195	104.095	ug/l	98
16) Acetone	4.424	43	104692	102.365	ug/l	95
17) Carbon Disulfide	4.718	76	91457	15.978	ug/l	100
18) Methyl Acetate	5.024	43	50340	22.583	ug/l	98
19) Methyl tert-butyl Ether	5.795	73	119146	19.525	ug/l	99
20) Methylene Chloride	5.277	84	40480	19.471	ug/l	93
21) trans-1,2-Dichloroethene	5.783	96	36848	19.454	ug/l	98
22) Diisopropyl ether	6.677	45	129520	19.943	ug/l	99
23) Vinyl Acetate	6.600	43	460767	95.653	ug/l	99
24) 1,1-Dichloroethane	6.571	63	73876	20.340	ug/l	99
25) 2-Butanone	7.483	43	144938	104.049	ug/l	98
26) 2,2-Dichloropropane	7.489	77	63461	19.379	ug/l	98
27) cis-1,2-Dichloroethene	7.489	96	44423	19.409	ug/l	100
28) Bromochloromethane	7.812	49	29575	18.250	ug/l	97
29) Tetrahydrofuran	7.842	42	89209	103.776	ug/l	99
30) Chloroform	7.965	83	75492	20.010	ug/l	92
31) Cyclohexane	8.253	56	60492	17.154	ug/l	97
32) 1,1,1-Trichloroethane	8.165	97	68456	20.204	ug/l	96
36) 1,1-Dichloropropene	8.371	75	51131	19.369	ug/l	99
37) Ethyl Acetate	7.559	43	56870	20.999	ug/l	98
38) Carbon Tetrachloride	8.359	117	59123	20.417	ug/l	89
39) Methylcyclohexane	9.600	83	51520	17.536	ug/l	93
40) Benzene	8.606	78	164234	19.968	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	30426	20.694	ug/l	99
42) 1,2-Dichloroethane	8.671	62	55954	20.067	ug/l	99
43) Isopropyl Acetate	8.689	43	90745	17.107	ug/l	98
44) Trichloroethene	9.347	130	36981	19.251	ug/l	97
45) 1,2-Dichloropropane	9.618	63	40049	20.584	ug/l	99
46) Dibromomethane	9.706	93	28331	21.577	ug/l	95
47) Bromodichloromethane	9.888	83	60732	20.819	ug/l	95
48) Methyl methacrylate	9.683	41	41037	19.434	ug/l	98
49) 1,4-Dioxane	9.688	88	17190	442.185	ug/l #	80
51) 4-Methyl-2-Pentanone	10.441	43	283867	110.107	ug/l	99
52) Toluene	10.630	92	100726	20.083	ug/l	98
53) t-1,3-Dichloropropene	10.835	75	59483	20.004	ug/l	94
54) cis-1,3-Dichloropropene	10.312	75	64168	20.062	ug/l	95
55) 1,1,2-Trichloroethane	11.012	97	39762	22.115	ug/l	95
56) Ethyl methacrylate	10.871	69	57797	19.536	ug/l	96
57) 1,3-Dichloropropane	11.159	76	65803	20.482	ug/l	97
58) 2-Chloroethyl Vinyl ether	10.159	63	128852	93.886	ug/l	100
59) 2-Hexanone	11.194	43	210565	109.276	ug/l	99
60) Dibromochloromethane	11.359	129	43419	20.438	ug/l	91
61) 1,2-Dibromoethane	11.471	107	39462	21.122	ug/l	98
64) Tetrachloroethene	11.100	164	32002	18.569	ug/l	99
65) Chlorobenzene	11.888	112	106864	19.479	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.959	131	38780	20.522	ug/l	100
67) Ethyl Benzene	11.965	91	184804	19.048	ug/l	98
68) m/p-Xylenes	12.071	106	143521	39.991	ug/l	99
69) o-Xylene	12.394	106	67282	19.815	ug/l	98
70) Styrene	12.412	104	116237	20.210	ug/l	99
71) Bromoform	12.582	173	29836	21.446	ug/l #	99
73) Isopropylbenzene	12.694	105	172908	18.688	ug/l	100
74) N-amyl acetate	12.494	43	77905	18.594	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.935	83	58539	21.041	ug/l	99
76) 1,2,3-Trichloropropane	12.988	75	47185m	19.062	ug/l	
77) Bromobenzene	12.982	156	42869	19.208	ug/l	99
78) n-propylbenzene	13.035	91	207199	19.329	ug/l	99
79) 2-Chlorotoluene	13.124	91	129641	18.952	ug/l	98
80) 1,3,5-Trimethylbenzene	13.171	105	149389	19.794	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.735	75	19118m	18.517	ug/l	
82) 4-Chlorotoluene	13.218	91	134050	19.467	ug/l	99
83) tert-Butylbenzene	13.435	119	125938	18.774	ug/l	99
84) 1,2,4-Trimethylbenzene	13.482	105	148449	19.525	ug/l	100
85) sec-Butylbenzene	13.618	105	173859	19.423	ug/l	99
86) p-Isopropyltoluene	13.729	119	144325	19.498	ug/l	99
87) 1,3-Dichlorobenzene	13.729	146	82515	19.708	ug/l	97
88) 1,4-Dichlorobenzene	13.812	146	81149	19.193	ug/l	100
89) n-Butylbenzene	14.053	91	120875	18.009	ug/l	98
90) Hexachloroethane	14.335	117	29505	19.638	ug/l	98
91) 1,2-Dichlorobenzene	14.106	146	79684	19.410	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.718	75	11408	19.871	ug/l	98
93) 1,2,4-Trichlorobenzene	15.388	180	36204	17.904	ug/l	98
94) Hexachlorobutadiene	15.500	225	17131	16.988	ug/l	99
95) Naphthalene	15.641	128	114183	17.033	ug/l	100
96) 1,2,3-Trichlorobenzene	15.841	180	35022	17.302	ug/l	97

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

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