

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN111224\
 Data File : VN084792.D
 Acq On : 12 Nov 2024 13:37
 Operator : JC\MD
 Sample : VN1112WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1112WBS01

Quant Time: Nov 12 23:34:03 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N103024W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 31 18:45:38 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 11/13/2024
 Supervised By : Mahesh Dadoda 11/13/2024

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

Internal Standards						
1) Pentafluorobenzene	8.218	168	181136	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	298646	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	255962	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	130240	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.576	65	118277	45.209	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	90.420%		
35) Dibromofluoromethane	8.165	113	96663	47.818	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	95.640%		
50) Toluene-d8	10.565	98	347147	46.619	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	93.240%		
62) 4-Bromofluorobenzene	12.847	95	132633	47.659	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	95.320%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.118	85	34047	16.351	ug/l	98
3) Chloromethane	2.359	50	38302	13.854	ug/l	98
4) Vinyl Chloride	2.512	62	42577	19.011	ug/l	93
5) Bromomethane	2.900	94	20683	17.430	ug/l	97
6) Chloroethane	3.071	64	28875	19.991	ug/l	99
7) Trichlorofluoromethane	3.465	101	62942	17.061	ug/l	98
8) Diethyl Ether	3.953	74	22630	17.388	ug/l	98
9) 1,1,2-Trichlorotrifluo...	4.359	101	36204	17.367	ug/l	98
10) Methyl Iodide	4.577	142	50131	17.993	ug/l	92
11) Tert butyl alcohol	5.536	59	32716	94.737	ug/l	99
12) 1,1-Dichloroethene	4.324	96	33233	16.111	ug/l	99
13) Acrolein	4.177	56	30335	88.092	ug/l	95
14) Allyl chloride	5.012	41	55325	16.538	ug/l	92
15) Acrylonitrile	5.712	53	88804	88.828	ug/l	100
16) Acetone	4.424	43	73947	96.093	ug/l	99
17) Carbon Disulfide	4.700	76	96565	15.201	ug/l	99
18) Methyl Acetate	5.018	43	47262	14.268	ug/l	96
19) Methyl tert-butyl Ether	5.788	73	109998	17.398	ug/l	98
20) Methylene Chloride	5.265	84	38183	16.594	ug/l	93
21) trans-1,2-Dichloroethene	5.783	96	35165	16.602	ug/l	94
22) Diisopropyl ether	6.671	45	111600	16.789	ug/l	95
23) Vinyl Acetate	6.594	43	397735	86.767	ug/l	99
24) 1,1-Dichloroethane	6.559	63	66246	16.600	ug/l	96
25) 2-Butanone	7.482	43	114457	93.775	ug/l	94
26) 2,2-Dichloropropane	7.482	77	60426	17.397	ug/l	98
27) cis-1,2-Dichloroethene	7.482	96	40857	16.520	ug/l	98
28) Bromochloromethane	7.812	49	32540	20.466	ug/l	94
29) Tetrahydrofuran	7.841	42	74433	91.923	ug/l	93
30) Chloroform	7.965	83	68656	16.903	ug/l	99
31) Cyclohexane	8.253	56	59673	16.521	ug/l	98
32) 1,1,1-Trichloroethane	8.165	97	64869	17.546	ug/l	95
36) 1,1-Dichloropropene	8.365	75	47612	16.983	ug/l	100
37) Ethyl Acetate	7.553	43	46693	18.357	ug/l	95
38) Carbon Tetrachloride	8.359	117	56512	18.034	ug/l	93
39) Methylcyclohexane	9.600	83	51821	18.169	ug/l	94
40) Benzene	8.600	78	155171	17.235	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	27305	19.962	ug/l	97
42) 1,2-Dichloroethane	8.665	62	51749	17.748	ug/l	99
43) Isopropyl Acetate	8.688	43	88409	18.200	ug/l	99
44) Trichloroethene	9.347	130	35090	16.899	ug/l	89
45) 1,2-Dichloropropane	9.618	63	36407	17.238	ug/l	98
46) Dibromomethane	9.706	93	26058	17.485	ug/l	94
47) Bromodichloromethane	9.882	83	53567	17.051	ug/l	99
48) Methyl methacrylate	9.676	41	36777	18.578	ug/l	97
49) 1,4-Dioxane	9.700	88	14350	409.061	ug/l #	81
51) 4-Methyl-2-Pentanone	10.441	43	236494	97.530	ug/l	99
52) Toluene	10.629	92	94840	18.011	ug/l	99
53) t-1,3-Dichloropropene	10.835	75	54607	16.793	ug/l	97
54) cis-1,3-Dichloropropene	10.312	75	59710	17.349	ug/l	97
55) 1,1,2-Trichloroethane	11.012	97	35555	17.925	ug/l	98
56) Ethyl methacrylate	10.870	69	55092	19.202	ug/l	94
57) 1,3-Dichloropropane	11.159	76	62234	18.282	ug/l	98
58) 2-Chloroethyl Vinyl ether	10.159	63	133814	99.673	ug/l	97
59) 2-Hexanone	11.194	43	176984	100.274	ug/l	97
60) Dibromochloromethane	11.353	129	42067	18.609	ug/l	99
61) 1,2-Dibromoethane	11.470	107	35316	17.387	ug/l	98
64) Tetrachloroethene	11.100	164	31725	18.634	ug/l	97
65) Chlorobenzene	11.888	112	101127	17.660	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.959	131	36875	18.513	ug/l	98
67) Ethyl Benzene	11.959	91	172222	18.018	ug/l	99
68) m/p-Xylenes	12.070	106	134736	37.233	ug/l	98
69) o-Xylene	12.394	106	63984	18.901	ug/l	99
70) Styrene	12.412	104	106017	17.953	ug/l	99
71) Bromoform	12.576	173	29212	19.491	ug/l #	100
73) Isopropylbenzene	12.694	105	163848	17.952	ug/l	100
74) N-amyl acetate	12.494	43	67019	17.253	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.935	83	52627	17.275	ug/l	98
76) 1,2,3-Trichloropropane	12.988	75	48305m	18.554	ug/l	
77) Bromobenzene	12.976	156	40842	16.646	ug/l	95
78) n-propylbenzene	13.035	91	186130	17.403	ug/l	99
79) 2-Chlorotoluene	13.123	91	120033	17.176	ug/l	99
80) 1,3,5-Trimethylbenzene	13.170	105	141661	18.727	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.735	75	18184	16.570	ug/l	96
82) 4-Chlorotoluene	13.217	91	122201	16.616	ug/l	98
83) tert-Butylbenzene	13.435	119	115068	18.380	ug/l	96
84) 1,2,4-Trimethylbenzene	13.482	105	140930	18.051	ug/l	99
85) sec-Butylbenzene	13.611	105	158771	17.953	ug/l	99
86) p-Isopropyltoluene	13.729	119	130739	18.026	ug/l	99
87) 1,3-Dichlorobenzene	13.729	146	74654	15.591	ug/l	99
88) 1,4-Dichlorobenzene	13.811	146	74512	16.229	ug/l	98
89) n-Butylbenzene	14.053	91	104724	15.436	ug/l	99
90) Hexachloroethane	14.329	117	26080	16.124	ug/l	92
91) 1,2-Dichlorobenzene	14.106	146	75309	16.367	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.717	75	10483	16.986	ug/l	95
93) 1,2,4-Trichlorobenzene	15.388	180	37362	14.835	ug/l	97
94) Hexachlorobutadiene	15.500	225	17440	15.769	ug/l	99
95) Naphthalene	15.641	128	117446	15.580	ug/l	100
96) 1,2,3-Trichlorobenzene	15.835	180	35808	14.647	ug/l	98

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

