

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN111424\
 Data File : VN084845.D
 Acq On : 14 Nov 2024 11:53
 Operator : JC\MD
 Sample : VN1114WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1114WBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 11/15/2024
 Supervised By : Mahesh Dadoda 11/15/2024

Quant Time: Nov 15 00:43:18 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

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	179665	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	296457	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	264491	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	134963	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	119832	46.179	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	92.360%		
35) Dibromofluoromethane	8.159	113	95949	47.815	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	95.640%		
50) Toluene-d8	10.565	98	353681	47.847	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	95.700%		
62) 4-Bromofluorobenzene	12.847	95	138440	50.112	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	100.220%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.118	85	46228	22.382	ug/l	90
3) Chloromethane	2.359	50	51993	19.938	ug/l	97
4) Vinyl Chloride	2.512	62	56731	25.538	ug/l	94
5) Bromomethane	2.900	94	28203	23.962	ug/l	89
6) Chloroethane	3.083	64	35758	25.315	ug/l	99
7) Trichlorofluoromethane	3.477	101	86566	23.656	ug/l	97
8) Diethyl Ether	3.959	74	31128	24.114	ug/l	94
9) 1,1,2-Trichlorotrifluo...	4.365	101	49961	24.162	ug/l	97
10) Methyl Iodide	4.583	142	67026	24.254	ug/l	92
11) Tert butyl alcohol	5.524	59	37388	109.153	ug/l #	82
12) 1,1-Dichloroethene	4.330	96	46302	22.630	ug/l	98
13) Acrolein	4.177	56	32937	96.431	ug/l	98
14) Allyl chloride	5.018	41	74317	22.397	ug/l	91
15) Acrylonitrile	5.718	53	113008	113.965	ug/l	98
16) Acetone	4.424	43	91249	120.252	ug/l	96
17) Carbon Disulfide	4.706	76	127857	20.292	ug/l	99
18) Methyl Acetate	5.024	43	57867	18.629	ug/l	99
19) Methyl tert-butyl Ether	5.788	73	153274	24.441	ug/l	97
20) Methylene Chloride	5.265	84	51340	22.495	ug/l	88
21) trans-1,2-Dichloroethene	5.777	96	47404	22.564	ug/l	98
22) Diisopropyl ether	6.665	45	155265	23.550	ug/l	98
23) Vinyl Acetate	6.594	43	534343	117.523	ug/l	95
24) 1,1-Dichloroethane	6.565	63	92468	23.360	ug/l	97
25) 2-Butanone	7.477	43	140653	116.181	ug/l	95
26) 2,2-Dichloropropane	7.488	77	86387	25.074	ug/l	98
27) cis-1,2-Dichloroethene	7.477	96	57510	23.444	ug/l	97
28) Bromochloromethane	7.806	49	33232	21.072	ug/l	89
29) Tetrahydrofuran	7.835	42	90578	112.778	ug/l	95
30) Chloroform	7.959	83	96373	23.921	ug/l	98
31) Cyclohexane	8.253	56	78836	22.005	ug/l	94
32) 1,1,1-Trichloroethane	8.165	97	87277	23.801	ug/l	98
36) 1,1-Dichloropropene	8.365	75	66540	23.910	ug/l	99
37) Ethyl Acetate	7.553	43	57226	22.664	ug/l	96
38) Carbon Tetrachloride	8.359	117	76906	24.723	ug/l	99
39) Methylcyclohexane	9.600	83	72972	25.774	ug/l	96
40) Benzene	8.600	78	211367	23.650	ug/l	98

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41) Methacrylonitrile	7.777	41	32812	24.165	ug/l	97
42) 1,2-Dichloroethane	8.665	62	68874	23.795	ug/l	98
43) Isopropyl Acetate	8.682	43	105511	22.080	ug/l	98
44) Trichloroethene	9.347	130	48376	23.470	ug/l	92
45) 1,2-Dichloropropane	9.618	63	51262	24.451	ug/l	95
46) Dibromomethane	9.706	93	35492	23.991	ug/l	97
47) Bromodichloromethane	9.882	83	75185	24.110	ug/l #	98
48) Methyl methacrylate	9.676	41	47892	24.371	ug/l	97
49) 1,4-Dioxane	9.694	88	17635	506.415	ug/l #	80
51) 4-Methyl-2-Pentanone	10.441	43	288654	119.919	ug/l	98
52) Toluene	10.623	92	132725	25.392	ug/l	97
53) t-1,3-Dichloropropene	10.829	75	75339	23.339	ug/l	97
54) cis-1,3-Dichloropropene	10.306	75	82561	24.166	ug/l	98
55) 1,1,2-Trichloroethane	11.012	97	47803	24.278	ug/l	97
56) Ethyl methacrylate	10.871	69	71890	25.242	ug/l	96
57) 1,3-Dichloropropane	11.159	76	80678	23.875	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.153	63	144503	108.429	ug/l	96
59) 2-Hexanone	11.194	43	216196	123.395	ug/l	96
60) Dibromochloromethane	11.353	129	56524	25.189	ug/l	99
61) 1,2-Dibromoethane	11.465	107	47648	23.631	ug/l	100
64) Tetrachloroethene	11.100	164	43423	24.682	ug/l	95
65) Chlorobenzene	11.888	112	137314	23.206	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.959	131	50624	24.597	ug/l	98
67) Ethyl Benzene	11.959	91	240305	24.330	ug/l	100
68) m/p-Xylenes	12.070	106	181373	48.504	ug/l	98
69) o-Xylene	12.394	106	87838	25.111	ug/l	100
70) Styrene	12.406	104	149741	24.539	ug/l	99
71) Bromoform	12.576	173	37336	24.108	ug/l #	100
73) Isopropylbenzene	12.694	105	224162	23.701	ug/l	99
74) N-amyl acetate	12.494	43	88214	21.914	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.935	83	67668	21.435	ug/l	98
76) 1,2,3-Trichloropropane	12.988	75	54284m	20.121	ug/l	
77) Bromobenzene	12.982	156	54977	21.623	ug/l	96
78) n-propylbenzene	13.029	91	264379	23.854	ug/l	100
79) 2-Chlorotoluene	13.123	91	168660	23.290	ug/l	98
80) 1,3,5-Trimethylbenzene	13.170	105	197971	25.255	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.735	75	24200	21.281	ug/l	97
82) 4-Chlorotoluene	13.217	91	171666	22.525	ug/l	100
83) tert-Butylbenzene	13.435	119	162768	25.089	ug/l	98
84) 1,2,4-Trimethylbenzene	13.482	105	201637	24.923	ug/l	97
85) sec-Butylbenzene	13.611	105	225651	24.623	ug/l	100
86) p-Isopropyltoluene	13.729	119	189832	25.258	ug/l	98
87) 1,3-Dichlorobenzene	13.729	146	103386	20.835	ug/l	100
88) 1,4-Dichlorobenzene	13.806	146	103467	22.077	ug/l	99
89) n-Butylbenzene	14.053	91	157790	22.444	ug/l	99
90) Hexachloroethane	14.329	117	36492	21.772	ug/l	98
91) 1,2-Dichlorobenzene	14.106	146	102558	21.509	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.717	75	12928	20.214	ug/l	98
93) 1,2,4-Trichlorobenzene	15.388	180	51500	19.733	ug/l	98
94) Hexachlorobutadiene	15.500	225	25256	22.036	ug/l	100
95) Naphthalene	15.641	128	151735	19.424	ug/l	99
96) 1,2,3-Trichlorobenzene	15.835	180	49971	19.724	ug/l	99

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

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