

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091224\
 Data File : VN083847.D
 Acq On : 13 Sep 2024 02:37
 Operator : JC\MD
 Sample : VN0912WBS03
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0912WBS03

Quant Time: Sep 13 03:36:30 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N091024W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 11 15:18:56 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 09/13/2024
 Supervised By : Mahesh Dadoda 09/13/2024

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	155121	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	271373	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	240028	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	116240	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	121520	51.954	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 103.900%			
35) Dibromofluoromethane	8.165	113	88096	50.709	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 101.420%			
50) Toluene-d8	10.565	98	310001	51.616	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 103.240%			
62) 4-Bromofluorobenzene	12.847	95	121623	49.083	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 98.160%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.124	85	31309	17.380	ug/l	95
3) Chloromethane	2.359	50	32632	16.502	ug/l	98
4) Vinyl Chloride	2.512	62	34229	17.335	ug/l	98
5) Bromomethane	2.900	94	18760	16.547	ug/l	99
6) Chloroethane	3.071	64	23135	16.703	ug/l	97
7) Trichlorofluoromethane	3.471	101	57365	17.115	ug/l	99
8) Diethyl Ether	3.953	74	19822	17.642	ug/l	93
9) 1,1,2-Trichlorotrifluo...	4.353	101	31341	17.641	ug/l	98
10) Methyl Iodide	4.577	142	40334	17.851	ug/l	97
11) Tert butyl alcohol	5.541	59	29409	93.894	ug/l	98
12) 1,1-Dichloroethene	4.330	96	28970	17.267	ug/l	95
13) Acrolein	4.177	56	30665	99.227	ug/l	98
14) Allyl chloride	5.012	41	50717	16.965	ug/l	96
15) Acrylonitrile	5.718	53	76475	89.781	ug/l	99
16) Acetone	4.436	43	70143	74.807	ug/l	97
17) Carbon Disulfide	4.694	76	71393	15.212	ug/l	100
18) Methyl Acetate	5.018	43	42007	20.403	ug/l	99
19) Methyl tert-butyl Ether	5.789	73	110543	18.207	ug/l	98
20) Methylene Chloride	5.277	84	34346	17.900	ug/l	96
21) trans-1,2-Dichloroethene	5.777	96	29431	16.368	ug/l	96
22) Diisopropyl ether	6.677	45	110592	17.970	ug/l	98
23) Vinyl Acetate	6.600	43	400099	88.776	ug/l	99
24) 1,1-Dichloroethane	6.559	63	61951	17.473	ug/l	99
25) 2-Butanone	7.488	43	104991	85.193	ug/l	97
26) 2,2-Dichloropropane	7.482	77	42668	13.068	ug/l	97
27) cis-1,2-Dichloroethene	7.482	96	37975	17.791	ug/l	96
28) Bromochloromethane	7.806	49	28551	19.122	ug/l #	14
29) Tetrahydrofuran	7.841	42	65469	89.843	ug/l	99
30) Chloroform	7.965	83	64423	17.115	ug/l	95
31) Cyclohexane	8.253	56	54207	16.035	ug/l	96
32) 1,1,1-Trichloroethane	8.165	97	59728	17.257	ug/l	99
36) 1,1-Dichloropropene	8.371	75	44038	16.841	ug/l	97
37) Ethyl Acetate	7.559	43	44743	18.851	ug/l	99
38) Carbon Tetrachloride	8.359	117	52258	17.616	ug/l	96
39) Methylcyclohexane	9.600	83	47121	15.832	ug/l	99
40) Benzene	8.600	78	138624	17.613	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	24022	17.112	ug/l	97
42) 1,2-Dichloroethane	8.671	62	53629	18.235	ug/l	98
43) Isopropyl Acetate	8.688	43	91275	21.221	ug/l	97
44) Trichloroethene	9.353	130	30546	16.760	ug/l	95
45) 1,2-Dichloropropane	9.618	63	33053	17.376	ug/l	90
46) Dibromomethane	9.706	93	23681	17.773	ug/l	98
47) Bromodichloromethane	9.888	83	51880	17.992	ug/l	99
48) Methyl methacrylate	9.676	41	37665	18.457	ug/l	99
49) 1,4-Dioxane	9.694	88	13088	389.874	ug/l #	91
51) 4-Methyl-2-Pentanone	10.447	43	221957	94.799	ug/l	98
52) Toluene	10.629	92	84911	17.638	ug/l	100
53) t-1,3-Dichloropropene	10.835	75	48055	16.441	ug/l	98
54) cis-1,3-Dichloropropene	10.312	75	52395	17.065	ug/l	98
55) 1,1,2-Trichloroethane	11.018	97	30601	17.026	ug/l	99
56) Ethyl methacrylate	10.876	69	51539	18.639	ug/l	94
57) 1,3-Dichloropropane	11.159	76	57558	18.634	ug/l	97
58) 2-Chloroethyl Vinyl ether	10.159	63	121572	122.018	ug/l	98
59) 2-Hexanone	11.194	43	160026	92.397	ug/l	98
60) Dibromochloromethane	11.359	129	35649	17.724	ug/l	99
61) 1,2-Dibromoethane	11.470	107	31416	17.527	ug/l	96
64) Tetrachloroethene	11.100	164	26642	16.690	ug/l	96
65) Chlorobenzene	11.888	112	87892	16.475	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.959	131	32226	17.425	ug/l	100
67) Ethyl Benzene	11.965	91	161702	17.063	ug/l	96
68) m/p-Xylenes	12.070	106	117449	33.381	ug/l	97
69) o-Xylene	12.400	106	59691	17.525	ug/l	96
70) Styrene	12.412	104	95742	17.128	ug/l	98
71) Bromoform	12.576	173	22303	17.896	ug/l #	97
73) Isopropylbenzene	12.694	105	149068	16.576	ug/l	100
74) N-amyl acetate	12.494	43	68813	17.934	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.935	83	45225	17.116	ug/l	98
76) 1,2,3-Trichloropropane	12.994	75	38077m	16.234	ug/l	
77) Bromobenzene	12.982	156	35026	16.180	ug/l	98
78) n-propylbenzene	13.035	91	165930	15.858	ug/l	99
79) 2-Chlorotoluene	13.123	91	110466	16.554	ug/l	99
80) 1,3,5-Trimethylbenzene	13.170	105	123495	16.288	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.735	75	13144	14.677	ug/l	85
82) 4-Chlorotoluene	13.217	91	106053	15.837	ug/l	100
83) tert-Butylbenzene	13.435	119	109924	16.571	ug/l	98
84) 1,2,4-Trimethylbenzene	13.482	105	123815	16.257	ug/l	100
85) sec-Butylbenzene	13.617	105	140358	15.954	ug/l	99
86) p-Isopropyltoluene	13.729	119	116789	15.837	ug/l	100
87) 1,3-Dichlorobenzene	13.729	146	62568	15.315	ug/l	98
88) 1,4-Dichlorobenzene	13.812	146	63267	15.294	ug/l	99
89) n-Butylbenzene	14.053	91	96976	14.646	ug/l	100
90) Hexachloroethane	14.335	117	23122	15.597	ug/l	100
91) 1,2-Dichlorobenzene	14.106	146	64066	16.249	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.717	75	9522	18.078	ug/l	96
93) 1,2,4-Trichlorobenzene	15.394	180	30526	14.428	ug/l	99
94) Hexachlorobutadiene	15.500	225	12562	13.981	ug/l	96
95) Naphthalene	15.641	128	104001	16.157	ug/l	99
96) 1,2,3-Trichlorobenzene	15.835	180	30063	14.867	ug/l	99

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

