

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091024\
 Data File : VN083750.D
 Acq On : 10 Sep 2024 13:36
 Operator : JC\MD
 Sample : VSTDICV050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN091024

Quant Time: Sep 11 03:12:03 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N091024W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 11 02:47:22 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :John Carlone 09/11/2024
 Supervised By :Semsettin Yesilyurt 09/11/2024

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

Internal Standards						
1) Pentafluorobenzene	8.218	168	166715	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	279593	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	251259	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	124781	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	123469	49.116	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	98.240%		
35) Dibromofluoromethane	8.159	113	89241	49.858	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	99.720%		
50) Toluene-d8	10.565	98	327030	52.850	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	105.700%		
62) 4-Bromofluorobenzene	12.847	95	128312	50.260	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	100.520%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.124	85	102269	52.821	ug/l	96
3) Chloromethane	2.359	50	103182	52.272	ug/l	93
4) Vinyl Chloride	2.512	62	105842	49.874	ug/l	99
5) Bromomethane	2.901	94	59692	48.990	ug/l	98
6) Chloroethane	3.077	64	70920	47.641	ug/l	99
7) Trichlorofluoromethane	3.477	101	180010	49.971	ug/l	97
8) Diethyl Ether	3.953	74	61593	51.008	ug/l	100
9) 1,1,2-Trichlorotrifluo...	4.359	101	98415	51.544	ug/l	98
10) Methyl Iodide	4.577	142	126109	51.932	ug/l	97
11) Tert butyl alcohol	5.530	59	83810	248.972	ug/l	100
12) 1,1-Dichloroethene	4.330	96	92652	51.382	ug/l	98
13) Acrolein	4.171	56	73660	221.776	ug/l	99
14) Allyl chloride	5.012	41	164420	51.173	ug/l	98
15) Acrylonitrile	5.712	53	231624	253.015	ug/l	99
16) Acetone	4.424	43	253986	252.037	ug/l	98
17) Carbon Disulfide	4.700	76	246645	48.898	ug/l	100
18) Methyl Acetate	5.024	43	110366	52.663	ug/l	100
19) Methyl tert-butyl Ether	5.789	73	329011	50.422	ug/l	99
20) Methylene Chloride	5.271	84	99954	48.470	ug/l	93
21) trans-1,2-Dichloroethene	5.777	96	94729	49.020	ug/l	97
22) Diisopropyl ether	6.671	45	339994	51.404	ug/l	97
23) Vinyl Acetate	6.600	43	1293827	267.118	ug/l	99
24) 1,1-Dichloroethane	6.559	63	187715	49.262	ug/l	99
25) 2-Butanone	7.477	43	338271	255.394	ug/l	98
26) 2,2-Dichloropropane	7.489	77	181899	51.834	ug/l	100
27) cis-1,2-Dichloroethene	7.489	96	115321	50.270	ug/l	98
28) Bromochloromethane	7.806	49	83573	52.080	ug/l	97
29) Tetrahydrofuran	7.836	42	204115	260.627	ug/l	99
30) Chloroform	7.965	83	202830	50.138	ug/l	94
31) Cyclohexane	8.253	56	173023	47.623	ug/l	98
32) 1,1,1-Trichloroethane	8.165	97	187174	50.318	ug/l	99
36) 1,1-Dichloropropene	8.365	75	139150	51.650	ug/l	99
37) Ethyl Acetate	7.553	43	134383	54.953	ug/l	99
38) Carbon Tetrachloride	8.359	117	163561	53.514	ug/l	99
39) Methylcyclohexane	9.600	83	169844	55.386	ug/l	98
40) Benzene	8.600	78	425950	52.529	ug/l	98

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41) Methacrylonitrile	7.777	41	78230	54.088	ug/l	99
42) 1,2-Dichloroethane	8.671	62	159957	52.791	ug/l	100
43) Isopropyl Acetate	8.688	43	235666	53.180	ug/l	97
44) Trichloroethene	9.347	130	97854	52.111	ug/l	95
45) 1,2-Dichloropropane	9.618	63	103105	52.608	ug/l	96
46) Dibromomethane	9.706	93	73906	53.838	ug/l	98
47) Bromodichloromethane	9.883	83	157512	53.018	ug/l	96
48) Methyl methacrylate	9.683	41	116089	55.216	ug/l	97
49) 1,4-Dioxane	9.694	88	36346	1050.868	ug/l #	98
51) 4-Methyl-2-Pentanone	10.447	43	658160	272.839	ug/l	99
52) Toluene	10.630	92	266506	53.732	ug/l	97
53) t-1,3-Dichloropropene	10.835	75	165901	55.091	ug/l	97
54) cis-1,3-Dichloropropene	10.312	75	170616	53.937	ug/l	96
55) 1,1,2-Trichloroethane	11.018	97	98280	53.075	ug/l	99
56) Ethyl methacrylate	10.871	69	163284	57.314	ug/l	98
57) 1,3-Dichloropropane	11.159	76	169155	53.152	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.159	63	247009	240.626	ug/l	98
59) 2-Hexanone	11.194	43	502171	281.422	ug/l	98
60) Dibromochloromethane	11.359	129	114660	55.330	ug/l	99
61) 1,2-Dibromoethane	11.471	107	97924	53.026	ug/l	99
64) Tetrachloroethene	11.100	164	83365	49.891	ug/l	99
65) Chlorobenzene	11.888	112	277685	49.726	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.959	131	100138	51.726	ug/l	100
67) Ethyl Benzene	11.965	91	525097	52.932	ug/l	99
68) m/p-Xylenes	12.071	106	392558	106.586	ug/l	99
69) o-Xylene	12.394	106	190067	53.308	ug/l	99
70) Styrene	12.412	104	316306	54.056	ug/l	98
71) Bromoform	12.576	173	72274	55.401	ug/l #	99
73) Isopropylbenzene	12.694	105	502513	52.053	ug/l	100
74) N-amyl acetate	12.494	43	214365	52.045	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.935	83	136889	48.260	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	119528m	48.674	ug/l	
77) Bromobenzene	12.976	156	111312	47.901	ug/l	99
78) n-propylbenzene	13.035	91	586056	52.176	ug/l	100
79) 2-Chlorotoluene	13.123	91	360422	50.314	ug/l	100
80) 1,3,5-Trimethylbenzene	13.171	105	424866	52.201	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.735	75	50495	52.525	ug/l	93
82) 4-Chlorotoluene	13.223	91	361895	50.343	ug/l	99
83) tert-Butylbenzene	13.435	119	371848	52.220	ug/l	98
84) 1,2,4-Trimethylbenzene	13.482	105	432216	52.865	ug/l	99
85) sec-Butylbenzene	13.618	105	507912	53.783	ug/l	100
86) p-Isopropyltoluene	13.729	119	427591	54.013	ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	214469	48.903	ug/l	100
88) 1,4-Dichlorobenzene	13.812	146	212191	47.783	ug/l	99
89) n-Butylbenzene	14.053	91	371682	52.293	ug/l	100
90) Hexachloroethane	14.335	117	81433	51.172	ug/l	98
91) 1,2-Dichlorobenzene	14.106	146	208015	49.147	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.717	75	29799	52.701	ug/l	97
93) 1,2,4-Trichlorobenzene	15.388	180	112159	49.382	ug/l	98
94) Hexachlorobutadiene	15.500	225	47012	48.740	ug/l	99
95) Naphthalene	15.641	128	356695	51.621	ug/l	100
96) 1,2,3-Trichlorobenzene	15.841	180	105270	48.497	ug/l	97

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

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