

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091024\
 Data File : VN083765.D
 Acq On : 11 Sep 2024 02:27
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Quant Time: Sep 11 05:15:03 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N091024W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 11 03:05:46 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	8.224	168	153149	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	269865	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	235476	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	113348	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	112001	48.501	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	97.000%		
35) Dibromofluoromethane	8.159	113	79958	46.282	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	92.560%		
50) Toluene-d8	10.565	98	293804	49.192	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	98.380%		
62) 4-Bromofluorobenzene	12.847	95	115936	47.050	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	94.100%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.124	85	86224	48.479	ug/l	99
3) Chloromethane	2.359	50	89056	48.996	ug/l	99
4) Vinyl Chloride	2.512	62	92460	47.428	ug/l	99
5) Bromomethane	2.901	94	50746	45.337	ug/l	98
6) Chloroethane	3.065	64	61280	45.310	ug/l	93
7) Trichlorofluoromethane	3.465	101	156862	47.402	ug/l	100
8) Diethyl Ether	3.953	74	52260	47.112	ug/l	95
9) 1,1,2-Trichlorotrifluo...	4.353	101	81627	46.538	ug/l	98
10) Methyl Iodide	4.577	142	108474	48.627	ug/l	94
11) Tert butyl alcohol	5.542	59	72873	235.657	ug/l	99
12) 1,1-Dichloroethene	4.324	96	79119	47.764	ug/l	100
13) Acrolein	4.171	56	69182	226.744	ug/l	100
14) Allyl chloride	5.012	41	137383	46.545	ug/l	98
15) Acrylonitrile	5.718	53	201756	239.911	ug/l	100
16) Acetone	4.430	43	171313	185.057	ug/l	99
17) Carbon Disulfide	4.695	76	207881	44.864	ug/l	100
18) Methyl Acetate	5.018	43	99203	51.488	ug/l	100
19) Methyl tert-butyl Ether	5.794	73	288066	48.058	ug/l	99
20) Methylene Chloride	5.265	84	89291	47.135	ug/l	89
21) trans-1,2-Dichloroethene	5.777	96	82029	46.208	ug/l	89
22) Diisopropyl ether	6.665	45	299797	49.341	ug/l	97
23) Vinyl Acetate	6.600	43	1109966	249.457	ug/l	99
24) 1,1-Dichloroethane	6.559	63	167087	47.732	ug/l	99
25) 2-Butanone	7.483	43	268321	220.527	ug/l	99
26) 2,2-Dichloropropane	7.489	77	117774	36.534	ug/l	97
27) cis-1,2-Dichloroethene	7.483	96	101347	48.092	ug/l	98
28) Bromochloromethane	7.806	49	73918	50.143	ug/l	96
29) Tetrahydrofuran	7.836	42	171909	238.948	ug/l	100
30) Chloroform	7.965	83	180246	48.502	ug/l	95
31) Cyclohexane	8.253	56	149621	44.830	ug/l	97
32) 1,1,1-Trichloroethane	8.165	97	166286	48.663	ug/l	99
36) 1,1-Dichloropropene	8.365	75	119551	45.975	ug/l	99
37) Ethyl Acetate	7.559	43	114929	48.692	ug/l	98
38) Carbon Tetrachloride	8.359	117	144061	48.833	ug/l	100
39) Methylcyclohexane	9.594	83	138433	46.770	ug/l	99
40) Benzene	8.600	78	367729	46.984	ug/l	100

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41) Methacrylonitrile	7.777	41	66969	47.971	ug/l	98
42) 1,2-Dichloroethane	8.665	62	140360	47.993	ug/l	99
43) Isopropyl Acetate	8.688	43	213956	50.022	ug/l	99
44) Trichloroethene	9.347	130	83904	46.293	ug/l	93
45) 1,2-Dichloropropane	9.618	63	90815	48.008	ug/l	95
46) Dibromomethane	9.706	93	63351	47.812	ug/l	99
47) Bromodichloromethane	9.888	83	142030	49.530	ug/l	96
48) Methyl methacrylate	9.677	41	101170	49.855	ug/l	97
49) 1,4-Dioxane	9.694	88	31684	949.098	ug/l #	96
51) 4-Methyl-2-Pentanone	10.441	43	571894	245.624	ug/l	98
52) Toluene	10.629	92	228952	47.824	ug/l	95
53) t-1,3-Dichloropropene	10.835	75	134631	46.319	ug/l	97
54) cis-1,3-Dichloropropene	10.312	75	142029	46.518	ug/l	96
55) 1,1,2-Trichloroethane	11.012	97	84403	47.224	ug/l	99
56) Ethyl methacrylate	10.871	69	139714	50.809	ug/l	97
57) 1,3-Dichloropropane	11.159	76	147275	47.945	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.159	63	237257	239.457	ug/l	97
59) 2-Hexanone	11.194	43	413722	240.212	ug/l	98
60) Dibromochloromethane	11.359	129	99369	49.679	ug/l	99
61) 1,2-Dibromoethane	11.471	107	85356	47.887	ug/l	96
64) Tetrachloroethene	11.100	164	71833	45.871	ug/l	96
65) Chlorobenzene	11.888	112	237946	45.465	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.959	131	87431	48.189	ug/l	99
67) Ethyl Benzene	11.959	91	447153	48.096	ug/l	98
68) m/p-Xylenes	12.071	106	330024	95.613	ug/l	99
69) o-Xylene	12.394	106	161763	48.411	ug/l	100
70) Styrene	12.412	104	272058	49.611	ug/l	100
71) Bromoform	12.576	173	62377	51.020	ug/l #	99
73) Isopropylbenzene	12.694	105	425575	48.530	ug/l	99
74) N-amyl acetate	12.494	43	187531	50.122	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.935	83	122393	47.502	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	101952m	44.576	ug/l	
77) Bromobenzene	12.982	156	93689	44.384	ug/l	98
78) n-propylbenzene	13.035	91	488451	47.872	ug/l	99
79) 2-Chlorotoluene	13.123	91	305317	46.921	ug/l	99
80) 1,3,5-Trimethylbenzene	13.170	105	355737	48.116	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.735	75	38617	44.222	ug/l	95
82) 4-Chlorotoluene	13.218	91	304001	46.555	ug/l	100
83) tert-Butylbenzene	13.435	119	317987	49.160	ug/l	98
84) 1,2,4-Trimethylbenzene	13.482	105	362404	48.797	ug/l	100
85) sec-Butylbenzene	13.612	105	422363	49.235	ug/l	99
86) p-Isopropyltoluene	13.729	119	354576	49.307	ug/l	100
87) 1,3-Dichlorobenzene	13.729	146	179058	44.947	ug/l	100
88) 1,4-Dichlorobenzene	13.812	146	179442	44.484	ug/l	99
89) n-Butylbenzene	14.053	91	292443	45.294	ug/l	99
90) Hexachloroethane	14.329	117	70234	48.586	ug/l	99
91) 1,2-Dichlorobenzene	14.106	146	179601	46.714	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.717	75	25138	48.942	ug/l	96
93) 1,2,4-Trichlorobenzene	15.394	180	89632	43.444	ug/l	98
94) Hexachlorobutadiene	15.500	225	37917	43.276	ug/l	97
95) Naphthalene	15.641	128	293459	46.753	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	88050	44.656	ug/l	99

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

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