

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN071024\
 Data File : VN082862.D
 Acq On : 10 Jul 2024 18:03
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By :John
 Carlone

Quant Time: Jul 11 03:52:47 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N070824W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 08 13:46:04 2024
 Response via : Initial Calibration

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

Internal Standards						07/11/2024
1) Pentafluorobenzene	8.224	168	152841	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	261905	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	240093	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	111498	50.000	ug/l	0.00
System Monitoring Compounds						07/11/2024
33) 1,2-Dichloroethane-d4	8.583	65	109925	51.306	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 102.620%	
35) Dibromofluoromethane	8.171	113	85004	50.580	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 101.160%	
50) Toluene-d8	10.565	98	316334	50.963	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 101.920%	
62) 4-Bromofluorobenzene	12.847	95	114688	51.437	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	= 102.880%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.124	85	93964	47.486	ug/l	98
3) Chloromethane	2.359	50	86245	45.959	ug/l	96
4) Vinyl Chloride	2.512	62	94458	47.927	ug/l	98
5) Bromomethane	2.942	94	56703	39.904	ug/l	97
6) Chloroethane	3.107	64	60511	44.867	ug/l	94
7) Trichlorofluoromethane	3.489	101	127239	44.887	ug/l	100
8) Diethyl Ether	3.959	74	47923	49.399	ug/l	79
9) 1,1,2-Trichlorotrifluo...	4.365	101	76667	47.787	ug/l	98
10) Methyl Iodide	4.583	142	90475	55.005	ug/l	98
11) Tert butyl alcohol	5.524	59	90839	252.079	ug/l	99
12) 1,1-Dichloroethene	4.342	96	74650	47.845	ug/l	82
13) Acrolein	4.177	56	65334	251.120	ug/l	99
14) Allyl chloride	5.018	41	112833	46.381	ug/l #	96
15) Acrylonitrile	5.718	53	212699	256.832	ug/l	98
16) Acetone	4.430	43	180986	239.931	ug/l	95
17) Carbon Disulfide	4.706	76	198609	42.599	ug/l	99
18) Methyl Acetate	5.024	43	101326	50.764	ug/l #	90
19) Methyl tert-butyl Ether	5.800	73	270145	50.193	ug/l	98
20) Methylene Chloride	5.277	84	84280	46.264	ug/l	85
21) trans-1,2-Dichloroethene	5.783	96	78688	46.545	ug/l	89
22) Diisopropyl ether	6.677	45	256324	50.363	ug/l #	96
23) Vinyl Acetate	6.606	43	1045248	258.612	ug/l #	91
24) 1,1-Dichloroethane	6.565	63	150520	48.756	ug/l	97
25) 2-Butanone	7.489	43	288820	253.575	ug/l #	90
26) 2,2-Dichloropropane	7.494	77	135924	47.354	ug/l	98
27) cis-1,2-Dichloroethene	7.489	96	96509	48.760	ug/l	89
28) Bromochloromethane	7.818	49	64903	49.006	ug/l #	82
29) Tetrahydrofuran	7.841	42	187351	261.278	ug/l #	84
30) Chloroform	7.965	83	159407	48.672	ug/l	99
31) Cyclohexane	8.259	56	120913	43.167	ug/l	91
32) 1,1,1-Trichloroethane	8.171	97	148141	48.718	ug/l	96
36) 1,1-Dichloropropene	8.377	75	108311	46.745	ug/l	97
37) Ethyl Acetate	7.559	43	116920	49.563	ug/l #	93
38) Carbon Tetrachloride	8.359	117	129415	46.388	ug/l	98
39) Methylcyclohexane	9.606	83	111577	44.580	ug/l	91
40) Benzene	8.606	78	339194	47.590	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	
41) Methacrylonitrile	7.783	41	61701	48.550	ug/l	#	90
42) 1,2-Dichloroethane	8.671	62	125980	49.099	ug/l		97
43) Isopropyl Acetate	8.688	43	205575	45.978	ug/l	#	92
44) Trichloroethene	9.353	130	83294	45.615	ug/l		95
45) 1,2-Dichloropropane	9.624	63	82717	49.710	ug/l		99
46) Dibromomethane	9.712	93	62366	48.110	ug/l		97
47) Bromodichloromethane	9.888	83	131824	49.215	ug/l		99
48) Methyl methacrylate	9.683	41	94804	51.253	ug/l	#	88
49) 1,4-Dioxane	9.694	88	41057	1020.914	ug/l		92
51) 4-Methyl-2-Pentanone	10.447	43	617806	264.170	ug/l		93
52) Toluene	10.630	92	219121	49.215	ug/l		98
53) t-1,3-Dichloropropene	10.835	75	136265	49.383	ug/l		99
54) cis-1,3-Dichloropropene	10.312	75	142482	48.783	ug/l		91
55) 1,1,2-Trichloroethane	11.018	97	83471	50.984	ug/l		96
56) Ethyl methacrylate	10.877	69	140857	55.300	ug/l		85
57) 1,3-Dichloropropane	11.165	76	142465	49.159	ug/l		99
58) 2-Chloroethyl Vinyl ether	10.165	63	375054	286.956	ug/l		93
59) 2-Hexanone	11.194	43	468997	269.731	ug/l		92
60) Dibromochloromethane	11.359	129	105749	50.713	ug/l		98
61) 1,2-Dibromoethane	11.471	107	89989	51.758	ug/l		100
64) Tetrachloroethene	11.106	164	81061	45.254	ug/l		98
65) Chlorobenzene	11.894	112	243073	47.246	ug/l		97
66) 1,1,1,2-Tetrachloroethane	11.959	131	86915	47.494	ug/l		98
67) Ethyl Benzene	11.965	91	415954	48.104	ug/l		96
68) m/p-Xylenes	12.071	106	319806	97.964	ug/l		97
69) o-Xylene	12.400	106	157314	50.292	ug/l		95
70) Styrene	12.412	104	268341	51.920	ug/l		100
71) Bromoform	12.582	173	73669	51.188	ug/l	#	99
73) Isopropylbenzene	12.694	105	393357	48.551	ug/l		99
74) N-amyl acetate	12.494	43	177244	52.889	ug/l		93
75) 1,1,2,2-Tetrachloroethane	12.941	83	117763	48.533	ug/l		97
76) 1,2,3-Trichloropropane	12.994	75	96097m	49.991	ug/l		
77) Bromobenzene	12.982	156	101160	48.398	ug/l		94
78) n-propylbenzene	13.035	91	448860	48.185	ug/l		99
79) 2-Chlorotoluene	13.124	91	277217	46.706	ug/l		97
80) 1,3,5-Trimethylbenzene	13.176	105	326272	49.820	ug/l		100
81) trans-1,4-Dichloro-2-b...	12.741	75	48607	49.730	ug/l		92
82) 4-Chlorotoluene	13.223	91	277195	47.183	ug/l		96
83) tert-Butylbenzene	13.441	119	274909	47.349	ug/l		96
84) 1,2,4-Trimethylbenzene	13.482	105	329431	49.354	ug/l		100
85) sec-Butylbenzene	13.618	105	371965	47.409	ug/l		98
86) p-Isopropyltoluene	13.729	119	319470	48.804	ug/l		100
87) 1,3-Dichlorobenzene	13.735	146	176068	46.630	ug/l		100
88) 1,4-Dichlorobenzene	13.812	146	174880	44.785	ug/l		100
89) n-Butylbenzene	14.059	91	263066	46.908	ug/l		99
90) Hexachloroethane	14.335	117	62071	44.813	ug/l		98
91) 1,2-Dichlorobenzene	14.106	146	173070	47.209	ug/l		98
92) 1,2-Dibromo-3-Chloropr...	14.723	75	27967	49.820	ug/l		90
93) 1,2,4-Trichlorobenzene	15.394	180	92165	46.672	ug/l		98
94) Hexachlorobutadiene	15.506	225	36197	41.348	ug/l		98
95) Naphthalene	15.641	128	345521	51.086	ug/l		99
96) 1,2,3-Trichlorobenzene	15.841	180	94266	46.427	ug/l		97

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

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Dadoda

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