

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN072624\
 Data File : VN083060.D
 Acq On : 26 Jul 2024 18:37
 Operator : JC\MD
 Sample : VSTDC0050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDC0050EC

Quant Time: Jul 26 23:11:59 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

Manual Integrations APPROVED

Reviewed By :John
 Carlone
 07/29/2024

Supervised By :Mahesh
 Dadoda
 07/29/2024

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	166159	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	279773	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	267661	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	135726	50.000	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.576	65	126893	54.479	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 108.960%	
35) Dibromofluoromethane	8.171	113	101384	56.474	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 112.940%	
50) Toluene-d8	10.570	98	364421	54.960	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 109.920%	
62) 4-Bromofluorobenzene	12.847	95	120561	50.618	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	= 101.240%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.124	85	101890	47.365	ug/l	100
3) Chloromethane	2.359	50	83084	40.726	ug/l	97
4) Vinyl Chloride	2.512	62	101666	47.450	ug/l	97
5) Bromomethane	2.942	94	69998	45.312	ug/l	97
6) Chloroethane	3.112	64	85936	58.611	ug/l	97
7) Trichlorofluoromethane	3.494	101	169404	54.972	ug/l	94
8) Diethyl Ether	3.965	74	55087	52.232	ug/l	85
9) 1,1,2-Trichlorotrifluo...	4.365	101	100870	57.834	ug/l	98
10) Methyl Iodide	4.583	142	94158	52.656	ug/l	98
11) Tert butyl alcohol	5.524	59	121425	309.948	ug/l	99
12) 1,1-Dichloroethene	4.341	96	88387	52.109	ug/l #	76
13) Acrolein	4.183	56	84171	297.592	ug/l	99
14) Allyl chloride	5.018	41	122532	46.331	ug/l #	91
15) Acrylonitrile	5.718	53	271025	301.030	ug/l	100
16) Acetone	4.430	43	228317	278.417	ug/l	96
17) Carbon Disulfide	4.712	76	207124	40.864	ug/l	100
18) Methyl Acetate	5.024	43	173855	80.120	ug/l #	91
19) Methyl tert-butyl Ether	5.800	73	338614	57.872	ug/l	95
20) Methylene Chloride	5.271	84	111568	56.335	ug/l #	83
21) trans-1,2-Dichloroethene	5.788	96	95531	51.978	ug/l	89
22) Diisopropyl ether	6.677	45	335386	60.616	ug/l #	90
23) Vinyl Acetate	6.606	43	1229045	279.713	ug/l #	95
24) 1,1-Dichloroethane	6.565	63	199689	59.499	ug/l	98
25) 2-Butanone	7.488	43	365045	294.810	ug/l	91
26) 2,2-Dichloropropane	7.494	77	162930	52.213	ug/l	97
27) cis-1,2-Dichloroethene	7.488	96	123638	57.460	ug/l	87
28) Bromochloromethane	7.812	49	85817	59.604	ug/l	84
29) Tetrahydrofuran	7.841	42	235407	301.983	ug/l #	87
30) Chloroform	7.965	83	220428	61.909	ug/l	98
31) Cyclohexane	8.253	56	141957	46.617	ug/l	94
32) 1,1,1-Trichloroethane	8.171	97	195468	59.130	ug/l	97
36) 1,1-Dichloropropene	8.371	75	136724	55.238	ug/l	98
37) Ethyl Acetate	7.565	43	147197	58.413	ug/l #	95
38) Carbon Tetrachloride	8.365	117	167278	56.130	ug/l	93
39) Methylcyclohexane	9.606	83	128445	48.042	ug/l	86
40) Benzene	8.606	78	445327	58.490	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	
41) Methacrylonitrile	7.777	41	77644	57.192	ug/l	#	88
42) 1,2-Dichloroethane	8.676	62	168296	61.402	ug/l		98
43) Isopropyl Acetate	8.688	43	273935	58.135	ug/l	#	96
44) Trichloroethene	9.353	130	100353	51.447	ug/l		96
45) 1,2-Dichloropropane	9.623	63	112802	63.461	ug/l		95
46) Dibromomethane	9.712	93	84023	60.677	ug/l		98
47) Bromodichloromethane	9.888	83	180494	63.082	ug/l	#	99
48) Methyl methacrylate	9.682	41	117175	59.302	ug/l	#	86
49) 1,4-Dioxane	9.700	88	49565	1157.507	ug/l	#	88
51) 4-Methyl-2-Pentanone	10.447	43	821403	328.796	ug/l		95
52) Toluene	10.629	92	279353	58.737	ug/l		98
53) t-1,3-Dichloropropene	10.835	75	168663	57.220	ug/l		97
54) cis-1,3-Dichloropropene	10.312	75	177110	56.766	ug/l		90
55) 1,1,2-Trichloroethane	11.018	97	114114	65.249	ug/l		95
56) Ethyl methacrylate	10.876	69	172627	63.445	ug/l		89
57) 1,3-Dichloropropane	11.165	76	191585	61.887	ug/l		100
58) 2-Chloroethyl Vinyl ether	10.159	63	452298	323.955	ug/l		96
59) 2-Hexanone	11.194	43	604693	325.562	ug/l		94
60) Dibromochloromethane	11.359	129	139278	62.526	ug/l		100
61) 1,2-Dibromoethane	11.470	107	112334	60.484	ug/l		96
64) Tetrachloroethene	11.106	164	90101	45.120	ug/l		89
65) Chlorobenzene	11.894	112	314857	54.896	ug/l		98
66) 1,1,1,2-Tetrachloroethane	11.964	131	119863	58.753	ug/l		99
67) Ethyl Benzene	11.964	91	534387	55.436	ug/l		100
68) m/p-Xylenes	12.070	106	412962	113.471	ug/l		96
69) o-Xylene	12.400	106	197940	56.762	ug/l		95
70) Styrene	12.412	104	352794	61.229	ug/l		98
71) Bromoform	12.582	173	96521	60.159	ug/l	#	100
73) Isopropylbenzene	12.694	105	496385	50.331	ug/l		100
74) N-amyl acetate	12.494	43	219916	53.908	ug/l		92
75) 1,1,2,2-Tetrachloroethane	12.941	83	173582	58.767	ug/l		99
76) 1,2,3-Trichloropropane	12.994	75	127301m	54.402	ug/l		
77) Bromobenzene	12.982	156	127979	50.300	ug/l		94
78) n-propylbenzene	13.035	91	592440	52.245	ug/l		99
79) 2-Chlorotoluene	13.129	91	360600	49.909	ug/l		98
80) 1,3,5-Trimethylbenzene	13.176	105	416775	52.279	ug/l		99
81) trans-1,4-Dichloro-2-b...	12.741	75	66699	56.059	ug/l		91
82) 4-Chlorotoluene	13.223	91	357312	49.964	ug/l		95
83) tert-Butylbenzene	13.441	119	350855	49.643	ug/l		95
84) 1,2,4-Trimethylbenzene	13.482	105	428480	52.734	ug/l		99
85) sec-Butylbenzene	13.617	105	492473	51.564	ug/l		100
86) p-Isopropyltoluene	13.729	119	405629	50.905	ug/l		99
87) 1,3-Dichlorobenzene	13.735	146	238653	51.923	ug/l		99
88) 1,4-Dichlorobenzene	13.811	146	235297	49.501	ug/l		99
89) n-Butylbenzene	14.058	91	334154	48.948	ug/l		98
90) Hexachloroethane	14.335	117	85369	50.632	ug/l		96
91) 1,2-Dichlorobenzene	14.106	146	231342	51.839	ug/l		99
92) 1,2-Dibromo-3-Chloropr...	14.717	75	33799	49.462	ug/l		95
93) 1,2,4-Trichlorobenzene	15.394	180	108076	44.960	ug/l		98
94) Hexachlorobutadiene	15.500	225	45189	42.405	ug/l		97
95) Naphthalene	15.641	128	377708	45.876	ug/l		99
96) 1,2,3-Trichlorobenzene	15.841	180	114954	46.510	ug/l		98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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