

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN041224\
 Data File : VN081731.D
 Acq On : 12 Apr 2024 20:31
 Operator : JC\MD
 Sample : VSTDC0050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDC0050EC

Quant Time: Apr 13 07:03:28 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N031824W.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 19 06:00:00 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :John

Carlone

04/15/2024

Supervised By :Mahesh

Dadoda

04/15/2024

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	274865	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	492510	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	479648	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	242244	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	200612	57.232	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 114.460%			
35) Dibromofluoromethane	8.165	113	179267	57.675	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 115.340%			
50) Toluene-d8	10.565	98	600398	53.436	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 106.880%			
62) 4-Bromofluorobenzene	12.847	95	240621	60.777	ug/l	0.00
Spiked Amount 50.000	Range 64 - 133		Recovery = 121.560%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.124	85	225229	60.855	ug/l	95
3) Chloromethane	2.359	50	190385	51.666	ug/l	90
4) Vinyl Chloride	2.512	62	182303	44.083	ug/l	98
5) Bromomethane	2.948	94	63239	21.623	ug/l	93
6) Chloroethane	3.118	64	124865	43.976	ug/l	98
7) Trichlorofluoromethane	3.495	101	137112	22.246	ug/l	96
8) Diethyl Ether	3.959	74	54663	26.799	ug/l	76
9) 1,1,2-Trichlorotrifluo...	4.371	101	96072	27.433	ug/l #	89
10) Methyl Iodide	4.583	142	44390	12.728	ug/l #	89
11) Tert butyl alcohol	5.518	59	198662	325.220	ug/l	99
12) 1,1-Dichloroethene	4.342	96	91868	28.321	ug/l	89
13) Acrolein	4.183	56	51657	94.242	ug/l	98
14) Allyl chloride	5.030	41	231722	57.008	ug/l #	88
15) Acrylonitrile	5.718	53	456258	279.195	ug/l	98
16) Acetone	4.424	43	170666	150.657	ug/l	96
17) Carbon Disulfide	4.712	76	472417	50.750	ug/l	98
18) Methyl Acetate	5.030	43	190652	54.590	ug/l #	88
19) Methyl tert-butyl Ether	5.789	73	632456	62.299	ug/l	94
20) Methylene Chloride	5.271	84	213049	57.414	ug/l #	83
21) trans-1,2-Dichloroethene	5.783	96	206927	57.212	ug/l	92
22) Diisopropyl ether	6.665	45	584308	61.867	ug/l #	92
23) Vinyl Acetate	6.600	43	2342626	311.617	ug/l #	86
24) 1,1-Dichloroethane	6.565	63	365863	57.837	ug/l	95
25) 2-Butanone	7.483	43	557861	287.111	ug/l #	87
26) 2,2-Dichloropropane	7.489	77	294611	53.697	ug/l	98
27) cis-1,2-Dichloroethene	7.483	96	252901	61.800	ug/l	82
28) Bromochloromethane	7.818	49	129397	50.221	ug/l #	53
29) Tetrahydrofuran	7.841	42	377245	288.206	ug/l #	76
30) Chloroform	7.965	83	425926	62.896	ug/l	97
31) Cyclohexane	8.259	56	297640	52.181	ug/l #	75
32) 1,1,1-Trichloroethane	8.171	97	386410	62.893	ug/l	93
36) 1,1-Dichloropropene	8.371	75	277404	53.033	ug/l	95
37) Ethyl Acetate	7.559	43	235083	52.484	ug/l	96
38) Carbon Tetrachloride	8.365	117	334625	58.398	ug/l	95
39) Methylcyclohexane	9.606	83	335691	57.467	ug/l #	84
40) Benzene	8.606	78	894798	58.512	ug/l	99

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41) Methacrylonitrile	7.777	41	126299	53.319	ug/l	#	89
42) 1,2-Dichloroethane	8.671	62	294404	54.703	ug/l		97
43) Isopropyl Acetate	8.688	43	508986	68.554	ug/l		97
44) Trichloroethene	9.353	130	227186	52.821	ug/l		97
45) 1,2-Dichloropropane	9.624	63	206868	55.816	ug/l		99
46) Dibromomethane	9.712	93	168204	59.762	ug/l	#	90
47) Bromodichloromethane	9.888	83	343200	62.366	ug/l	#	96
48) Methyl methacrylate	9.682	41	187023	54.613	ug/l	#	78
49) 1,4-Dioxane	9.700	88	83705	1017.108	ug/l	#	79
51) 4-Methyl-2-Pentanone	10.447	43	1285604	283.769	ug/l		90
52) Toluene	10.630	92	591623	60.867	ug/l		99
53) t-1,3-Dichloropropene	10.835	75	324146	54.550	ug/l		99
54) cis-1,3-Dichloropropene	10.312	75	348764	54.743	ug/l		89
55) 1,1,2-Trichloroethane	11.018	97	224821	57.474	ug/l		94
56) Ethyl methacrylate	10.877	69	342143	57.755	ug/l	#	80
57) 1,3-Dichloropropane	11.165	76	367288	57.277	ug/l		98
58) 2-Chloroethyl Vinyl ether	10.159	63	762960	309.978	ug/l	#	85
59) 2-Hexanone	11.200	43	952305	284.308	ug/l		89
60) Dibromochloromethane	11.359	129	274257	63.752	ug/l		98
61) 1,2-Dibromoethane	11.471	107	231968	58.166	ug/l		96
64) Tetrachloroethene	11.106	164	242158	52.817	ug/l		93
65) Chlorobenzene	11.894	112	653731	57.654	ug/l		95
66) 1,1,1,2-Tetrachloroethane	11.965	131	228047	54.265	ug/l		96
67) Ethyl Benzene	11.965	91	1128244	57.282	ug/l		97
68) m/p-Xylenes	12.071	106	895762	121.313	ug/l		94
69) o-Xylene	12.400	106	434144	59.891	ug/l		93
70) Styrene	12.412	104	747234	63.914	ug/l		96
71) Bromoform	12.582	173	180771	57.242	ug/l	#	100
73) Isopropylbenzene	12.694	105	1129753	54.712	ug/l		97
74) N-amyl acetate	12.494	43	401359	53.710	ug/l	#	85
75) 1,1,2,2-Tetrachloroethane	12.941	83	296990	48.918	ug/l		98
76) 1,2,3-Trichloropropane	12.994	75	283242m	48.880	ug/l		
77) Bromobenzene	12.982	156	267424	52.427	ug/l		72
78) n-propylbenzene	13.035	91	1332147	54.629	ug/l		94
79) 2-Chlorotoluene	13.129	91	800375	54.839	ug/l		91
80) 1,3,5-Trimethylbenzene	13.176	105	950118	55.708	ug/l		95
81) trans-1,4-Dichloro-2-b...	12.735	75	94490	44.066	ug/l	#	83
82) 4-Chlorotoluene	13.223	91	794555	55.218	ug/l		92
83) tert-Butylbenzene	13.441	119	851054	57.866	ug/l		94
84) 1,2,4-Trimethylbenzene	13.482	105	976452	56.964	ug/l		95
85) sec-Butylbenzene	13.618	105	1190165	56.608	ug/l		94
86) p-Isopropyltoluene	13.729	119	983743	57.240	ug/l		97
87) 1,3-Dichlorobenzene	13.735	146	511645	54.593	ug/l		95
88) 1,4-Dichlorobenzene	13.812	146	506036	52.146	ug/l		96
89) n-Butylbenzene	14.059	91	852583	55.945	ug/l		96
90) Hexachloroethane	14.335	117	168865	51.881	ug/l		97
91) 1,2-Dichlorobenzene	14.106	146	488524	54.158	ug/l		96
92) 1,2-Dibromo-3-Chloropr...	14.723	75	67137	51.962	ug/l		76
93) 1,2,4-Trichlorobenzene	15.394	180	279874	53.660	ug/l		99
94) Hexachlorobutadiene	15.506	225	100624	43.971	ug/l		97
95) Naphthalene	15.641	128	987478	58.429	ug/l		99
96) 1,2,3-Trichlorobenzene	15.847	180	278586	53.102	ug/l		99

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QLast Update : Tue Mar 19 06:00:00 2024
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

