Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX022024\
Data File : VX040344.D
Acq On : 20 Feb 2024 10:19
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Feb 21 01:08:15 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X020924W.M
Quant Title : SW846 8260
QLast Update : Mon Feb 12 00:21:14 2024
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Manual Integrations APPROVED

Reviewed By :John Carlone 02/21/2024
Supervised By :Mahesh Dadoda 02/21/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.544	168	84806	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	143863	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	132527	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	70567	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	63142	50.047	ug/l	-0.01
Spiked Amount 50.000	Range 78 - 117		Recovery = 100.100%			
35) Dibromofluoromethane	5.379	113	47818	47.596	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 95.200%			
50) Toluene-d8	8.647	98	173109	46.062	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 92.120%			
62) 4-Bromofluorobenzene	11.079	95	68707	44.827	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 89.660%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.166	85	51509	53.769	ug/l	96
3) Chloromethane	1.294	50	50285	50.904	ug/l	99
4) Vinyl Chloride	1.374	62	52550	50.339	ug/l	99
5) Bromomethane	1.599	94	37154	63.070	ug/l	100
6) Chloroethane	1.685	64	32007	48.615	ug/l	100
7) Trichlorofluoromethane	1.886	101	83388	49.740	ug/l	96
8) Diethyl Ether	2.130	74	30074	47.754	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.331	101	49516	55.063	ug/l	98
10) Methyl Iodide	2.453	142	57022	57.115	ug/l	94
11) Tert butyl alcohol	2.947	59	55900	227.464	ug/l #	92
12) 1,1-Dichloroethene	2.319	96	43752	50.531	ug/l	96
13) Acrolein	2.233	56	51219	225.801	ug/l	100
14) Allyl chloride	2.660	41	84030	55.924	ug/l	97
15) Acrylonitrile	3.056	53	144539	262.862	ug/l	98
16) Acetone	2.374	43	151310	292.005	ug/l	96
17) Carbon Disulfide	2.508	76	103448	45.256	ug/l	99
18) Methyl Acetate	2.697	43	66274	47.710	ug/l	99
19) Methyl tert-butyl Ether	3.105	73	168280	55.168	ug/l	98
20) Methylene Chloride	2.788	84	52674	54.363	ug/l	96
21) trans-1,2-Dichloroethene	3.087	96	46974	47.636	ug/l	94
22) Diisopropyl ether	3.751	45	177810	58.350	ug/l	99
23) Vinyl Acetate	3.715	43	796685	293.272	ug/l	100
24) 1,1-Dichloroethane	3.605	63	97959	55.186	ug/l	99
25) 2-Butanone	4.544	43	205530	253.747	ug/l	98
26) 2,2-Dichloropropane	4.465	77	78263	57.275	ug/l	98
27) cis-1,2-Dichloroethene	4.483	96	58225	51.759	ug/l	98
28) Bromochloromethane	4.891	49	44019	58.409	ug/l	98
29) Tetrahydrofuran	4.989	42	131807	249.778	ug/l	99
30) Chloroform	5.086	83	103330	53.841	ug/l	98
31) Cyclohexane	5.464	56	75935	50.459	ug/l	97
32) 1,1,1-Trichloroethane	5.373	97	87157	53.983	ug/l	99
36) 1,1-Dichloropropene	5.684	75	73263	52.057	ug/l	98
37) Ethyl Acetate	4.702	43	78994	50.444	ug/l	99
38) Carbon Tetrachloride	5.672	117	69957	52.280	ug/l	97
39) Methylcyclohexane	7.373	83	80447	49.187	ug/l	97
40) Benzene	6.031	78	204175	51.879	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	4.904	41	44896	54.081	ug/l		96
42) 1,2-Dichloroethane	6.080	62	84468	54.909	ug/l		99
43) Isopropyl Acetate	6.330	43	132821	54.333	ug/l		99
44) Trichloroethene	7.123	130	53639	49.409	ug/l		96
45) 1,2-Dichloropropane	7.428	63	56140	54.804	ug/l		99
46) Dibromomethane	7.574	93	39753	52.692	ug/l		98
47) Bromodichloromethane	7.818	83	79312	54.560	ug/l		99
48) Methyl methacrylate	7.684	41	67298	53.802	ug/l		96
49) 1,4-Dioxane	7.653	88	21868	803.632	ug/l	#	95
51) 4-Methyl-2-Pentanone	8.568	43	434007	260.040	ug/l		98
52) Toluene	8.714	92	126261	48.978	ug/l		91
53) t-1,3-Dichloropropene	8.970	75	85634	49.515	ug/l		98
54) cis-1,3-Dichloropropene	8.360	75	89404	54.877	ug/l		98
55) 1,1,2-Trichloroethane	9.147	97	57074	51.909	ug/l		95
56) Ethyl methacrylate	9.110	69	85840	52.151	ug/l		96
57) 1,3-Dichloropropane	9.305	76	95087	52.984	ug/l		100
58) 2-Chloroethyl Vinyl ether	8.238	63	180149	231.359	ug/l		96
59) 2-Hexanone	9.427	43	339696	256.710	ug/l		99
60) Dibromochloromethane	9.519	129	58118	51.882	ug/l		99
61) 1,2-Dibromoethane	9.604	107	58667	50.198	ug/l		99
64) Tetrachloroethene	9.269	164	45854	49.374	ug/l		98
65) Chlorobenzene	10.073	112	142569	51.545	ug/l		99
66) 1,1,1,2-Tetrachloroethane	10.159	131	52320	54.617	ug/l		99
67) Ethyl Benzene	10.189	91	264508	53.696	ug/l		97
68) m/p-Xylenes	10.299	106	196074	105.391	ug/l		96
69) o-Xylene	10.640	106	96419	53.332	ug/l		96
70) Styrene	10.653	104	163952	54.545	ug/l		99
71) Bromoform	10.799	173	42324	47.146	ug/l	#	100
73) Isopropylbenzene	10.957	105	262301	52.774	ug/l		99
74) N-amyl acetate	10.842	43	124388	58.386	ug/l		97
75) 1,1,2,2-Tetrachloroethane	11.207	83	93810	52.535	ug/l		98
76) 1,2,3-Trichloropropane	11.238	75	77730m	54.394	ug/l		
77) Bromobenzene	11.195	156	61216	52.147	ug/l		98
78) n-propylbenzene	11.305	91	326653	54.285	ug/l		97
79) 2-Chlorotoluene	11.360	91	190758	52.498	ug/l		100
80) 1,3,5-Trimethylbenzene	11.451	105	224921	53.753	ug/l		96
81) trans-1,4-Dichloro-2-b...	11.018	75	24796	48.817	ug/l		98
82) 4-Chlorotoluene	11.451	91	223521	51.918	ug/l		100
83) tert-Butylbenzene	11.713	119	213634	52.076	ug/l		99
84) 1,2,4-Trimethylbenzene	11.750	105	225358	53.234	ug/l		99
85) sec-Butylbenzene	11.890	105	283710	53.813	ug/l		100
86) p-Isopropyltoluene	12.006	119	231086	53.471	ug/l		98
87) 1,3-Dichlorobenzene	11.969	146	122258	52.562	ug/l		98
88) 1,4-Dichlorobenzene	12.043	146	121014	49.133	ug/l		99
89) n-Butylbenzene	12.329	91	228532	54.781	ug/l		97
90) Hexachloroethane	12.536	117	38871	57.022	ug/l		98
91) 1,2-Dichlorobenzene	12.335	146	115161	51.145	ug/l		98
92) 1,2-Dibromo-3-Chloropr...	12.939	75	20982	50.910	ug/l		94
93) 1,2,4-Trichlorobenzene	13.585	180	79763	51.742	ug/l		95
94) Hexachlorobutadiene	13.725	225	30104	48.931	ug/l		99
95) Naphthalene	13.774	128	250788	51.510	ug/l		100
96) 1,2,3-Trichlorobenzene	13.957	180	76753	52.234	ug/l		98

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

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