Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM092917\
Data File : BM011758.D
Acq On : 29 Sep 2017 09:00
Operator : SJ/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTD02049

Quant Time: Sep 29 23:32:51 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM092717.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Sep 28 05:09:12 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.93	152	233035	20.00	ng/ul	0.00
18) Naphthalene-d8	10.74	136	1042004	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.57	164	572309	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.32	188	1258614	20.00	ng/ul	0.00
75) Chrysene-d12	21.48	240	1138602	20.00	ng/ul	0.00
83) Perylene-d12	23.84	264	901259	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.36	96	40471	7.74	ng/uL	0.00
5) Phenol-d5	7.09	99	430325	18.78	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.26	67	317813	19.12	ng/ul	0.00
9) 2-Chlorophenol-d4	7.46	132	343411	20.14	ng/ul	0.00
13) 4-Methylphenol-d8	8.63	113	341316	19.01	ng/ul	0.00
19) Nitrobenzene-d5	9.10	128	163586	20.13	ng/ul	0.00
22) 2-Nitrophenol-d4	9.82	143	179915	20.75	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.36	165	331601	20.04	ng/ul	0.00
29) 4-Chloroaniline-d4	10.87	131	415388	22.71	ng/ul	0.00
43) Dimethylphthalate-d6	13.97	166	956058	19.48	ng/ul	0.00
46) Acenaphthylene-d8	14.27	160	1205087	20.30	ng/ul	0.00
51) 4-Nitrophenol-d4	14.76	143	154775	18.45	ng/ul	0.00
57) Fluorene-d10	15.56	176	823466	19.48	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.68	200	147063	17.25	ng/ul	0.00
70) Anthracene-d10	17.41	188	1240146	19.36	ng/ul	0.00
76) Pyrene-d10	19.70	212	1353137	24.90	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.69	264	856654	19.85	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.39	88	42278	7.268	ng/uL	91
4) Benzaldehyde	7.07	77	268715	23.907	ng/ul	98
6) Phenol	7.12	94	435441	18.785	ng/ul	91
8) Bis(2-Chloroethyl)ether	7.35	93	342767	19.233	ng/ul#	77
10) 2-Chlorophenol	7.50	128	338262	20.330	ng/ul#	85
11) 2-Methylphenol	8.37	108	322652	18.954	ng/ul	99
12) 2,2'-oxybis(1-Chloropropan	8.47	45	776992	20.355	ng/ul#	97
14) Acetophenone	8.76	105	555092	19.242	ng/ul#	89
15) N-Nitroso-di-n-propylamine	8.74	70	317486	19.498	ng/ul	96
16) 4-Methylphenol	8.70	108	351566	18.788	ng/ul	93
17) Hexachloroethane	9.02	117	152844	20.832	ng/ul#	67
20) Nitrobenzene	9.14	77	449176	20.079	ng/ul	98
21) Isophorone	9.66	82	824555	19.649	ng/ul#	96
23) 2-Nitrophenol	9.85	139	182787	20.251	ng/ul#	86
24) 2,4-Dimethylphenol	9.90	107	405408	19.730	ng/ul	95
25) Bis(2-Chloroethoxy)methane	10.15	93	471571	19.408	ng/ul	96
27) 2,4-Dichlorophenol	10.39	162	321491	20.431	ng/ul#	88
28) Naphthalene	10.79	128	1058385	19.433	ng/ul	100
30) 4-Chloroaniline	10.90	127	400436	22.635	ng/ul	94
31) Hexachlorobutadiene	11.07	225	227092	20.500	ng/ul	94
32) Caprolactam	11.67	113	91572	17.961	ng/ul	86
33) 4-Chloro-3-methylphenol	12.02	107	348012	19.535	ng/ul	99
34) 2-Methylnaphthalene	12.40	142	744271	19.278	ng/ul	98

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.76	216	402550	20.807 ng/ul#	96
37) Hexachlorocyclopentadiene	12.74	237	201188	16.180 ng/ul	96
38) 2,4,6-Trichlorophenol	13.00	196	264834	21.316 ng/ul	95
39) 2,4,5-Trichlorophenol	13.07	196	269266	20.935 ng/ul	98
40) 1,1'-Biphenyl	13.40	154	930371	19.738 ng/ul#	98
41) 2-Chloronaphthalene	13.45	162	728575	20.171 ng/ul	96
42) 2-Nitroaniline	13.66	65	280109	21.089 ng/ul	85
44) Dimethylphthalate	14.02	163	909588	19.375 ng/ul	98
45) 2,6-Dinitrotoluene	14.15	165	177542	20.536 ng/ul#	85
47) Acenaphthylene	14.30	152	1177897	19.781 ng/ul	99
48) 3-Nitroaniline	14.47	138	172044	19.459 ng/ul	97
49) Acenaphthene	14.64	153	782941	19.306 ng/ul	99
50) 2,4-Dinitrophenol	14.69	184	91478	16.119 ng/ul#	74
52) 4-Nitrophenol	14.77	109	160768	19.591 ng/ul	97
53) Dibenzofuran	14.97	168	1085266	19.485 ng/ul	94
54) 2,4-Dinitrotoluene	14.93	165	250018	20.267 ng/ul#	78
55) 2,3,4,6-Tetrachlorophenol	15.19	232	236770	19.957 ng/ul#	80
56) Diethylphthalate	15.38	149	947198	19.187 ng/ul	94
58) Fluorene	15.62	166	902757	19.141 ng/ul	98
59) 4-Chlorophenyl-phenylether	15.60	204	469264	19.787 ng/ul	94
60) 4-Nitroaniline	15.64	138	185980	19.170 ng/ul	89
63) 4,6-Dinitro-2-methylphenol	15.70	198	150486	17.383 ng/ul	97
64) N-Nitrosodiphenylamine	15.82	169	731734	19.668 ng/ul	98
65) 4-Bromophenyl-phenylether	16.50	248	278143	20.092 ng/ul	94
66) Hexachlorobenzene	16.62	284	309025	20.090 ng/ul#	89
67) Atrazine	16.76	200	275737	19.116 ng/ul	95
68) Pentachlorophenol	16.96	266	182707	18.043 ng/ul	98
69) Phenanthrene	17.36	178	1344261	19.083 ng/ul	98
71) Anthracene	17.44	178	1418105	19.539 ng/ul	98
72) Carbazole	17.72	167	1175711	18.491 ng/ul	99
73) Di-n-butylphthalate	18.26	149	1610563	19.668 ng/ul	98
74) Fluoranthene	19.36	202	1562352	18.166 ng/ul#	90
77) Pyrene	19.73	202	1648132	24.290 ng/ul#	89
78) Butylbenzylphthalate	20.61	149	724120	25.533 ng/ul#	97
79) 3,3'-Dichlorobenzidine	21.40	252	403585	18.641 ng/ul#	97
80) Benzo(a)anthracene	21.46	228	1344988	21.114 ng/ul	98
81) Bis(2-ethylhexyl)phthalate	21.37	149	1071978	25.323 ng/ul#	94
82) Chrysene	21.52	228	1233184	20.526 ng/ul	98
84) Di-n-octyl phthalate	22.28	149	1766175	25.356 ng/ul#	81
85) Benzo(b)fluoranthene	23.13	252	1105739	20.794 ng/ul#	98
86) Benzo(k)fluoranthene	23.17	252	1033199	19.046 ng/ul#	97
88) Benzo(a)pyrene	23.74	252	1008917	19.644 ng/ul#	96
89) Indeno(1,2,3-cd)pyrene	26.26	276	1105310	20.670 ng/ul#	92
90) Dibenzo(a,h)anthracene	26.27	278	933850	20.852 ng/ul#	95
91) Benzo(g,h,i)perylene	27.01	276	923324	20.802 ng/ul#	93

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

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