Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM092017\
Data File : BM011628.D
Acq On : 20 Sep 2017 09:13
Operator : SJ/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD02027

Manual Integrations APPROVED
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9/22/2017 4:05:03 PM

Quant Time: Sep 21 01:37:41 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM090817MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Sep 20 05:31:56 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.96	152	331212	20.00	ng/ul	0.00
18) Naphthalene-d8	10.77	136	1566671	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.59	164	957982	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.33	188	2151000	20.00	ng/ul	0.00
78) Chrysene-d12	21.50	240	2306997	20.00	ng/ul	0.00
86) Perylene-d12	23.87	264	2105301	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.39	96	55647	7.56	ng/uL	0.00
5) Phenol-d5	7.11	99	620126	19.50	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.29	67	447226	20.87	ng/ul	0.00
9) 2-Chlorophenol-d4	7.49	132	478927	19.98	ng/ul	0.00
13) 4-Methylphenol-d8	8.66	113	493865	19.89	ng/ul	0.00
19) Nitrobenzene-d5	9.13	128	239359m	20.13	ng/ul	0.00
22) 2-Nitrophenol-d4	9.85	143	252034	20.39	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.38	165	505676	20.32	ng/ul	0.00
29) 4-Chloroaniline-d4	10.90	131	670751	24.42	ng/ul	0.00
44) Dimethylphthalate-d6	14.00	166	1585349	19.57	ng/ul	0.00
47) Acenaphthylene-d8	14.29	160	1990559	20.32	ng/ul	0.00
52) 4-Nitrophenol-d4	14.78	143	271565	17.84	ng/ul	0.00
58) Fluorene-d10	15.59	176	1403881	20.01	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.70	200	226970	18.13	ng/ul	0.00
71) Anthracene-d10	17.43	188	2161449	20.41	ng/ul	0.00
79) Pyrene-d10	19.72	212	2346586	21.72	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.72	264	2037197	20.30	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.42	88	59832	7.414	ng/uL#	56
4) Benzaldehyde	7.10	77	353125	19.431	ng/ul	96
6) Phenol	7.14	94	623347	19.745	ng/ul	94
8) Bis(2-Chloroethyl)ether	7.38	93	489518	19.696	ng/ul#	82
10) 2-Chlorophenol	7.53	128	465034	19.889	ng/ul	92
11) 2-Methylphenol	8.40	108	469276	19.605	ng/ul	93
12) 2,2'-oxybis(1-Chloropropan	8.49	45	933346	23.169	ng/ul#	90
14) Acetophenone	8.79	105	769667	20.281	ng/ul#	94
15) N-Nitroso-di-n-propylamine	8.77	70	432659	21.246	ng/ul#	73
16) 4-Methylphenol	8.72	108	520216	19.863	ng/ul	97
17) Hexachloroethane	9.05	117	184278	20.616	ng/ul	82
20) Nitrobenzene	9.17	77	593168	21.211	ng/ul	96
21) Isophorone	9.69	82	1127763	20.029	ng/ul	98
23) 2-Nitrophenol	9.88	139	268258	20.651	ng/ul#	90
24) 2,4-Dimethylphenol	9.93	107	571518	20.562	ng/ul	94
25) Bis(2-Chloroethoxy)methane	10.17	93	716163	19.507	ng/ul	98
27) 2,4-Dichlorophenol	10.41	162	489951	20.419	ng/ul	98
28) Naphthalene	10.82	128	1637430	20.155	ng/ul	99
30) 4-Chloroaniline	10.93	127	635515	24.353	ng/ul	98
31) Hexachlorobutadiene	11.10	225	295848	21.723	ng/ul	98
32) Caprolactam	11.70	113	124401	16.469	ng/ul#	43
33) 4-Chloro-3-methylphenol	12.04	107	522922	20.555	ng/ul	94
34) 2-Methylnaphthalene	12.42	142	1225455	20.312	ng/ul	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	12.65	142	1172175	20.399	ng/ul	97
37) 1,2,4,5-Tetrachlorobenzene	12.79	216	592978	20.867	ng/ul#	97
38) Hexachlorocyclopentadiene	12.77	237	313537	19.684	ng/ul	99
39) 2,4,6-Trichlorophenol	13.03	196	388835	20.097	ng/ul	99
40) 2,4,5-Trichlorophenol	13.10	196	396237	20.198	ng/ul	99
41) 1,1'-Biphenyl	13.43	154	1578732	19.804	ng/ul#	95
42) 2-Chloronaphthalene	13.47	162	1192857	19.887	ng/ul	99
43) 2-Nitroaniline	13.67	65	397505	21.337	ng/ul#	80
45) Dimethylphthalate	14.05	163	1527835	19.704	ng/ul#	98
46) 2,6-Dinitrotoluene	14.17	165	280103	20.454	ng/ul	92
48) Acenaphthylene	14.32	152	2003719	20.325	ng/ul	98
49) 3-Nitroaniline	14.50	138	298662	17.687	ng/ul	99
50) Acenaphthene	14.66	153	1326454	19.914	ng/ul	99
51) 2,4-Dinitrophenol	14.70	184	140633	16.622	ng/ul#	71
53) 4-Nitrophenol	14.79	109	197036	20.143	ng/ul#	67
54) Dibenzofuran	14.99	168	1865225	20.019	ng/ul	98
55) 2,4-Dinitrotoluene	14.95	165	402095	19.974	ng/ul#	70
56) 2,3,4,6-Tetrachlorophenol	15.22	232	367540	20.557	ng/ul#	82
57) Diethylphthalate	15.40	149	1577219	19.546	ng/ul	96
59) Fluorene	15.64	166	1576435	20.188	ng/ul	100
60) 4-Chlorophenyl-phenylether	15.63	204	751574	20.542	ng/ul	91
61) 4-Nitroaniline	15.66	138	305435	16.886	ng/ul	89
64) 4,6-Dinitro-2-methylphenol	15.71	198	238987	18.634	ng/ul#	90
65) N-Nitrosodiphenylamine	15.84	169	1283458	19.589	ng/ul	98
66) 4-Bromophenyl-phenylether	16.52	248	448083	20.395	ng/ul#	92
67) Hexachlorobenzene	16.64	284	492553	20.367	ng/ul#	88
68) Atrazine	16.79	200	443023	19.515	ng/ul	95
69) Pentachlorophenol	16.98	266	286701	18.463	ng/ul	97
70) Phenanthrene	17.38	178	2411975	20.117	ng/ul	100
72) Anthracene	17.47	178	2522579	20.504	ng/ul	98
73) 1,2,3,4-Tetrachlorobenzene	13.40	216	587604	20.500	ng/uL	98
74) Pentachlorobenzene	14.91	250	602841	20.737	ng/uL	99
75) Carbazole	17.73	167	2178081	20.751	ng/ul	98
76) Di-n-butylphthalate	18.29	149	2772110	20.108	ng/ul	100
77) Fluoranthene	19.39	202	2782950	22.567	ng/ul#	91
80) Pyrene	19.74	202	2954277	21.949	ng/ul#	86
81) Butylbenzylphthalate	20.63	149	1251495	20.218	ng/ul#	91
82) 3,3'-Dichlorobenzidine	21.42	252	885925	21.146	ng/ul#	97
83) Benzo(a)anthracene	21.49	228	2765644	21.773	ng/ul	99
84) Bis(2-ethylhexyl)phthalate	21.39	149	1915381	20.149	ng/ul#	95
85) Chrysene	21.54	228	2491171	21.633	ng/ul	99
87) Di-n-octyl phthalate	22.31	149	3325980	22.260	ng/ul	100
88) Benzo(b)fluoranthene	23.15	252	2578300	20.357	ng/ul#	97
89) Benzo(k)fluoranthene	23.20	252	2540355	20.885	ng/ul#	95
91) Benzo(a)pyrene	23.77	252	2449557	20.490	ng/ul#	97
92) Indeno(1,2,3-cd)pyrene	26.30	276	2467267	18.762	ng/ul#	87
93) Dibenzo(a,h)anthracene	26.31	278	2081306	18.665	ng/ul#	94
94) Benzo(g,h,i)perylene	27.05	276	1960538	18.409	ng/ul#	91

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

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