Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM092117\
Data File : BM011652.D
Acq On : 21 Sep 2017 14:02
Operator : SJ/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD02031

Manual Integrations APPROVED
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9/22/2017 4:06:01 PM

Quant Time: Sep 22 03:43:37 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM090817MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Sep 22 02:52:45 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.96	152	307214	20.00	ng/ul	0.00
18) Naphthalene-d8	10.77	136	1446198	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.59	164	844422	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.33	188	1836264	20.00	ng/ul	0.00
78) Chrysene-d12	21.50	240	2034364	20.00	ng/ul	0.00
86) Perylene-d12	23.87	264	1854961	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.39	96	52993	7.76	ng/uL	0.00
5) Phenol-d5	7.11	99	579446	19.64	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.29	67	423469	21.30	ng/ul	0.00
9) 2-Chlorophenol-d4	7.49	132	454584	20.45	ng/ul	0.00
13) 4-Methylphenol-d8	8.66	113	458431	19.91	ng/ul	0.00
19) Nitrobenzene-d5	9.12	128	223056m	20.32	ng/ul	0.00
22) 2-Nitrophenol-d4	9.85	143	232165	20.35	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.38	165	463029	20.16	ng/ul	0.00
29) 4-Chloroaniline-d4	10.90	131	611480	24.12	ng/ul	0.00
44) Dimethylphthalate-d6	13.99	166	1391837	19.50	ng/ul	0.00
47) Acenaphthylene-d8	14.29	160	1741739	20.17	ng/ul	0.00
52) 4-Nitrophenol-d4	14.77	143	234394	17.47	ng/ul	0.00
58) Fluorene-d10	15.58	176	1224631	19.80	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.70	200	209576	19.61	ng/ul	0.00
71) Anthracene-d10	17.43	188	1858285	20.55	ng/ul	0.00
79) Pyrene-d10	19.72	212	2052505	21.55	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.71	264	1784163	20.18	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.42	88	58036	7.753	ng/uL#	56
4) Benzaldehyde	7.10	77	337675	20.033	ng/ul	96
6) Phenol	7.14	94	588848	20.109	ng/ul	92
8) Bis(2-Chloroethyl)ether	7.37	93	466433	20.233	ng/ul#	81
10) 2-Chlorophenol	7.52	128	437326	20.165	ng/ul#	90
11) 2-Methylphenol	8.39	108	432515	19.481	ng/ul	97
12) 2,2'-oxybis(1-Chloropropan	8.49	45	890022	23.819	ng/ul#	91
14) Acetophenone	8.79	105	723740	20.560	ng/ul#	92
15) N-Nitroso-di-n-propylamine	8.77	70	407156	21.555	ng/ul#	71
16) 4-Methylphenol	8.72	108	492599	20.277	ng/ul	95
17) Hexachloroethane	9.05	117	174838	21.088	ng/ul#	79
20) Nitrobenzene	9.17	77	573529	22.217	ng/ul	96
21) Isophorone	9.69	82	1066617	20.521	ng/ul	98
23) 2-Nitrophenol	9.88	139	247151	20.611	ng/ul	90
24) 2,4-Dimethylphenol	9.93	107	530706	20.684	ng/ul	96
25) Bis(2-Chloroethoxy)methane	10.17	93	667030	19.682	ng/ul	98
27) 2,4-Dichlorophenol	10.41	162	438101	19.779	ng/ul	96
28) Naphthalene	10.82	128	1499807	19.999	ng/ul	98
30) 4-Chloroaniline	10.92	127	580839	24.112	ng/ul	99
31) Hexachlorobutadiene	11.10	225	269818	21.462	ng/ul	96
32) Caprolactam	11.70	113	129639m	18.593	ng/ul	
33) 4-Chloro-3-methylphenol	12.03	107	477643	20.339	ng/ul	95
34) 2-Methylnaphthalene	12.42	142	1096900	19.696	ng/ul	100

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35) 1-Methylnaphthalene	12.64	142	1045487	19.710	ng/ul	96
37) 1,2,4,5-Tetrachlorobenzene	12.79	216	536448	21.416	ng/ul#	95
38) Hexachlorocyclopentadiene	12.76	237	282629	20.130	ng/ul	99
39) 2,4,6-Trichlorophenol	13.03	196	353575	20.732	ng/ul	97
40) 2,4,5-Trichlorophenol	13.09	196	366113	21.172	ng/ul	99
41) 1,1'-Biphenyl	13.43	154	1395629	19.862	ng/ul#	95
42) 2-Chloronaphthalene	13.47	162	1068814	20.215	ng/ul	99
43) 2-Nitroaniline	13.67	65	366137	22.296	ng/ul#	78
45) Dimethylphthalate	14.05	163	1337054	19.562	ng/ul#	98
46) 2,6-Dinitrotoluene	14.17	165	244211	20.231	ng/ul	89
48) Acenaphthylene	14.32	152	1755682	20.204	ng/ul	99
49) 3-Nitroaniline	14.50	138	265822	17.859	ng/ul	97
50) Acenaphthene	14.66	153	1171386	19.951	ng/ul	99
51) 2,4-Dinitrophenol	14.70	184	127018	17.031	ng/ul#	56
53) 4-Nitrophenol	14.79	109	187048	21.693	ng/ul#	71
54) Dibenzofuran	14.99	168	1629747	19.844	ng/ul	100
55) 2,4-Dinitrotoluene	14.95	165	357179	20.129	ng/ul#	65
56) 2,3,4,6-Tetrachlorophenol	15.21	232	321844	20.422	ng/ul#	75
57) Diethylphthalate	15.40	149	1374862	19.330	ng/ul	94
59) Fluorene	15.64	166	1352799	19.654	ng/ul	98
60) 4-Chlorophenyl-phenylether	15.63	204	659214	20.440	ng/ul#	90
61) 4-Nitroaniline	15.66	138	271792	17.047	ng/ul	94
64) 4,6-Dinitro-2-methylphenol	15.71	198	211831	19.348	ng/ul#	86
65) N-Nitrosodiphenylamine	15.84	169	1116447	19.960	ng/ul	97
66) 4-Bromophenyl-phenylether	16.52	248	385818	20.571	ng/ul	94
67) Hexachlorobenzene	16.64	284	429873	20.822	ng/ul#	88
68) Atrazine	16.79	200	380278	19.622	ng/ul	96
69) Pentachlorophenol	16.98	266	245259	18.501	ng/ul	97
70) Phenanthrene	17.37	178	2070237	20.227	ng/ul	99
72) Anthracene	17.47	178	2156838	20.536	ng/ul	98
73) 1,2,3,4-Tetrachlorobenzene	13.39	216	532467	21.761	ng/uL	99
74) Pentachlorobenzene	14.91	250	540263	21.770	ng/uL	98
75) Carbazole	17.73	167	1861012	20.770	ng/ul	98
76) Di-n-butylphthalate	18.29	149	2375906	20.188	ng/ul	99
77) Fluoranthene	19.39	202	2408259	22.876	ng/ul#	91
80) Pyrene	19.74	202	2574140	21.687	ng/ul#	87
81) Butylbenzylphthalate	20.63	149	1061938	19.455	ng/ul	91
82) 3,3'-Dichlorobenzidine	21.42	252	775091	20.980	ng/ul#	98
83) Benzo(a)anthracene	21.49	228	2433865	21.728	ng/ul	98
84) Bis(2-ethylhexyl)phthalate	21.39	149	1630190	19.447	ng/ul#	94
85) Chrysene	21.54	228	2220455	21.866	ng/ul	99
87) Di-n-octyl phthalate	22.30	149	2808431	21.333	ng/ul	100
88) Benzo(b)fluoranthene	23.15	252	2310111	20.701	ng/ul#	97
89) Benzo(k)fluoranthene	23.20	252	2170080	20.248	ng/ul#	97
91) Benzo(a)pyrene	23.77	252	2148263	20.395	ng/ul#	97
92) Indeno(1,2,3-cd)pyrene	26.30	276	2177826	18.796	ng/ul#	86
93) Dibenzo(a,h)anthracene	26.31	278	1826159	18.587	ng/ul#	95
94) Benzo(g,h,i)perylene	27.04	276	1710908	18.233	ng/ul#	91

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

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

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