Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM092117\
Data File : BM011668.D
Acq On : 21 Sep 2017 23:53
Operator : SJ/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD02032

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

Quant Time: Sep 22 08:32:09 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM090817MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Sep 22 03:47:29 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.96	152	351004	20.00	ng/ul	0.00
18) Naphthalene-d8	10.77	136	1615267	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.59	164	918680	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.33	188	1993071	20.00	ng/ul	0.00
78) Chrysene-d12	21.50	240	2064157	20.00	ng/ul	0.00
86) Perylene-d12	23.87	264	1648667	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.39	96	59324	7.60	ng/uL	0.00
5) Phenol-d5	7.11	99	665627	19.75	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.29	67	489752	21.56	ng/ul	0.00
9) 2-Chlorophenol-d4	7.49	132	517370	20.37	ng/ul	0.00
13) 4-Methylphenol-d8	8.66	113	528720	20.09	ng/ul	0.00
19) Nitrobenzene-d5	9.12	128	253518	20.68	ng/ul	0.00
22) 2-Nitrophenol-d4	9.85	143	270314	21.21	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.38	165	521868	20.34	ng/ul	0.00
29) 4-Chloroaniline-d4	10.90	131	681813	24.08	ng/ul	0.00
44) Dimethylphthalate-d6	13.99	166	1551650	19.98	ng/ul	0.00
47) Acenaphthylene-d8	14.29	160	1919427	20.43	ng/ul	0.00
52) 4-Nitrophenol-d4	14.77	143	256350	17.56	ng/ul	0.00
58) Fluorene-d10	15.58	176	1335204	19.85	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.70	200	224935	19.40	ng/ul	0.00
71) Anthracene-d10	17.43	188	2017350	20.55	ng/ul	0.00
79) Pyrene-d10	19.72	212	2199670	22.76	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.71	264	1608255	20.47	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.42	88	66549	7.781	ng/uL#	54
4) Benzaldehyde	7.10	77	397177	20.623	ng/ul	98
6) Phenol	7.14	94	672417	20.098	ng/ul	91
8) Bis(2-Chloroethyl)ether	7.37	93	533038	20.238	ng/ul#	85
10) 2-Chlorophenol	7.52	128	502239	20.269	ng/ul#	89
11) 2-Methylphenol	8.39	108	502708	19.817	ng/ul	96
12) 2,2'-oxybis(1-Chloropropan	8.49	45	1051930	24.640	ng/ul#	90
14) Acetophenone	8.78	105	835196	20.766	ng/ul#	89
15) N-Nitroso-di-n-propylamine	8.77	70	479866	22.235	ng/ul#	72
16) 4-Methylphenol	8.72	108	556610	20.054	ng/ul	94
17) Hexachloroethane	9.05	117	206984	21.851	ng/ul	85
20) Nitrobenzene	9.17	77	659004	22.856	ng/ul	98
21) Isophorone	9.69	82	1248100	21.500	ng/ul	96
23) 2-Nitrophenol	9.87	139	282946	21.126	ng/ul#	86
24) 2,4-Dimethylphenol	9.93	107	607566	21.201	ng/ul	98
25) Bis(2-Chloroethoxy)methane	10.17	93	759145	20.055	ng/ul	98
27) 2,4-Dichlorophenol	10.41	162	501967	20.290	ng/ul	97
28) Naphthalene	10.82	128	1685214	20.119	ng/ul	99
30) 4-Chloroaniline	10.92	127	654475	24.325	ng/ul	98
31) Hexachlorobutadiene	11.09	225	322102	22.939	ng/ul	96
32) Caprolactam	11.70	113	147706m	18.966	ng/ul	
33) 4-Chloro-3-methylphenol	12.03	107	537822	20.505	ng/ul	96
34) 2-Methylnaphthalene	12.42	142	1220386	19.620	ng/ul	100

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35) 1-Methylnaphthalene	12.64	142	1156705	19.525	ng/ul	97
37) 1,2,4,5-Tetrachlorobenzene	12.79	216	611902	22.454	ng/ul#	95
38) Hexachlorocyclopentadiene	12.76	237	340283	22.277	ng/ul#	97
39) 2,4,6-Trichlorophenol	13.02	196	394557	21.265	ng/ul	99
40) 2,4,5-Trichlorophenol	13.09	196	403968	21.473	ng/ul	98
41) 1,1'-Biphenyl	13.43	154	1545069	20.211	ng/ul#	94
42) 2-Chloronaphthalene	13.47	162	1179942	20.513	ng/ul	98
43) 2-Nitroaniline	13.67	65	425849	23.836	ng/ul#	80
45) Dimethylphthalate	14.04	163	1466594	19.723	ng/ul#	97
46) 2,6-Dinitrotoluene	14.17	165	274389	20.894	ng/ul	89
48) Acenaphthylene	14.32	152	1934501	20.462	ng/ul	99
49) 3-Nitroaniline	14.49	138	296738	18.325	ng/ul	96
50) Acenaphthene	14.66	153	1291433	20.217	ng/ul	100
51) 2,4-Dinitrophenol	14.70	184	141277	17.412	ng/ul#	58
53) 4-Nitrophenol	14.79	109	213327	22.741	ng/ul#	73
54) Dibenzofuran	14.99	168	1773621	19.850	ng/ul	100
55) 2,4-Dinitrotoluene	14.95	165	394207	20.420	ng/ul#	66
56) 2,3,4,6-Tetrachlorophenol	15.21	232	362853	21.163	ng/ul#	77
57) Diethylphthalate	15.40	149	1523009	19.682	ng/ul	96
59) Fluorene	15.64	166	1477483	19.730	ng/ul	99
60) 4-Chlorophenyl-phenylether	15.63	204	731530	20.849	ng/ul	92
61) 4-Nitroaniline	15.66	138	304661	17.564	ng/ul	95
64) 4,6-Dinitro-2-methylphenol	15.71	198	227725	19.163	ng/ul#	84
65) N-Nitrosodiphenylamine	15.84	169	1201384	19.789	ng/ul	97
66) 4-Bromophenyl-phenylether	16.52	248	436872	21.461	ng/ul	94
67) Hexachlorobenzene	16.64	284	479431	21.395	ng/ul#	87
68) Atrazine	16.78	200	431105	20.495	ng/ul	95
69) Pentachlorophenol	16.98	266	278750	19.373	ng/ul	97
70) Phenanthrene	17.37	178	2222799	20.008	ng/ul	99
72) Anthracene	17.47	178	2321820	20.368	ng/ul	98
73) 1,2,3,4-Tetrachlorobenzene	13.39	216	603858	22.737	ng/uL	98
74) Pentachlorobenzene	14.91	250	597633	22.187	ng/uL	97
75) Carbazole	17.73	167	1978293	20.342	ng/ul	97
76) Di-n-butylphthalate	18.28	149	2639488	20.663	ng/ul	99
77) Fluoranthene	19.38	202	2591808	22.683	ng/ul#	90
80) Pyrene	19.74	202	2735034	22.710	ng/ul#	90
81) Butylbenzylphthalate	20.62	149	1215185	21.941	ng/ul#	86
82) 3,3'-Dichlorobenzidine	21.41	252	789349	21.057	ng/ul#	97
83) Benzo(a)anthracene	21.48	228	2511521	22.098	ng/ul	99
84) Bis(2-ethylhexyl)phthalate	21.39	149	1851697	21.771	ng/ul#	95
85) Chrysene	21.53	228	2227204	21.616	ng/ul	98
87) Di-n-octyl phthalate	22.30	149	3102313	26.514	ng/ul	100
88) Benzo(b)fluoranthene	23.14	252	2085573	21.028	ng/ul#	96
89) Benzo(k)fluoranthene	23.19	252	2077808	21.813	ng/ul#	97
91) Benzo(a)pyrene	23.76	252	1915324	20.459	ng/ul#	97
92) Indeno(1,2,3-cd)pyrene	26.29	276	1873221	18.190	ng/ul#	88
93) Dibenzo(a,h)anthracene	26.30	278	1572843	18.012	ng/ul#	95
94) Benzo(g,h,i)perylene	27.04	276	1481228	17.761	ng/ul#	92

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

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