Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM080416\
Data File : BM006880.D
Acq On : 05 Aug 2016 01:09
Operator : UM/SJ
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD02055

Manual Integrations APPROVED
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8/5/2016 7:01:50 PM

Quant Time: Aug 05 05:08:33 2016
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-BM080316.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Aug 05 02:18:21 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.56	152	273937	20.00	ng/ul	0.00
18) Naphthalene-d8	10.33	136	1126660	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.22	164	717083	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.97	188	1695465	20.00	ng/ul	0.00
75) Chrysene-d12	21.18	240	1886560	20.00	ng/ul	0.00
83) Perylene-d12	23.37	264	1668819	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.10	96	39695	7.97	ng/uL	0.00
5) Phenol-d5	6.79	99	419186	20.79	ng/ul	-0.01
7) Bis-(2-Chloroethyl)ether-d	6.91	67	281619	20.91	ng/ul	0.00
9) 2-Chlorophenol-d4	7.11	132	346664	21.76	ng/ul	-0.01
13) 4-Methylphenol-d8	8.31	113	340733	20.78	ng/ul	-0.01
19) Nitrobenzene-d5	8.73	128	160845	20.88	ng/ul	0.00
22) 2-Nitrophenol-d4	9.44	143	188518	20.55	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.99	165	368953	19.46	ng/ul	-0.01
29) 4-Chloroaniline-d4	10.50	131	420913	21.49	ng/ul	-0.01
43) Dimethylphthalate-d6	13.64	166	1215873	20.58	ng/ul	0.00
46) Acenaphthylene-d8	13.91	160	1454762	20.17	ng/ul	0.00
51) 4-Nitrophenol-d4	14.54	143	235385m	18.18	ng/ul	0.00
57) Fluorene-d10	15.22	176	1058606	19.31	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.38	200	184844	16.70	ng/ul	0.00
70) Anthracene-d10	17.07	188	1650964	20.28	ng/ul	0.00
76) Pyrene-d10	19.38	212	1862723	19.30	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.23	264	1603315	19.73	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.13	88	45615	8.23	ng/uL#	87
4) Benzaldehyde	6.73	77	317823m	23.45	ng/ul	
6) Phenol	6.81	94	439692	20.59	ng/ul	94
8) Bis(2-Chloroethyl)ether	7.00	93	327331	21.46	ng/ul	92
10) 2-Chlorophenol	7.15	128	337875	21.05	ng/ul	92
11) 2-Methylphenol	8.04	108	334738	20.24	ng/ul	96
12) 2,2'-oxybis(1-Chloropropan	8.10	45	674788	20.04	ng/ul	97
14) Acetophenone	8.39	105	590940	20.29	ng/ul#	91
15) N-Nitroso-di-n-propylamine	8.37	70	309556	21.48	ng/ul#	97
16) 4-Methylphenol	8.37	108	358767	19.91	ng/ul	89
17) Hexachloroethane	8.62	117	171990	20.56	ng/ul	83
20) Nitrobenzene	8.77	77	485332	19.98	ng/ul	97
21) Isophorone	9.29	82	822241	21.41	ng/ul	99
23) 2-Nitrophenol	9.48	139	203741	21.25	ng/ul	94
24) 2,4-Dimethylphenol	9.56	107	492185	20.75	ng/ul	92
25) Bis(2-Chloroethoxy)methane	9.77	93	447883	21.51	ng/ul	99
27) 2,4-Dichlorophenol	10.02	162	363677	20.16	ng/ul#	87
28) Naphthalene	10.39	128	1145611	20.47	ng/ul	98
30) 4-Chloroaniline	10.53	127	427345	21.62	ng/ul	94
31) Hexachlorobutadiene	10.66	225	308353	18.16	ng/ul	94
32) Caprolactam	11.35	113	95802m	18.80	ng/ul	
33) 4-Chloro-3-methylphenol	11.69	107	418919	20.91	ng/ul	96
34) 2-Methylnaphthalene	12.01	142	895412	19.85	ng/ul	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.39	216	542864	19.20	ng/ul	94
37) Hexachlorocyclopentadiene	12.35	237	240971	15.36	ng/ul#	95
38) 2,4,6-Trichlorophenol	12.66	196	345314	19.97	ng/ul	96
39) 2,4,5-Trichlorophenol	12.75	196	343149	20.63	ng/ul	87
40) 1,1'-Biphenyl	13.04	154	1190752	20.36	ng/ul	99
41) 2-Chloronaphthalene	13.09	162	925224	20.17	ng/ul	97
42) 2-Nitroaniline	13.33	65	354219	21.09	ng/ul	97
44) Dimethylphthalate	13.69	163	1196379	20.38	ng/ul	99
45) 2,6-Dinitrotoluene	13.82	165	233430	20.46	ng/ul	96
47) Acenaphthylene	13.94	152	1515850	20.74	ng/ul	96
48) 3-Nitroaniline	14.17	138	211284	21.88	ng/ul#	75
49) Acenaphthene	14.28	153	996287	20.86	ng/ul	98
50) 2,4-Dinitrophenol	14.39	184	108045	15.32	ng/ul	91
52) 4-Nitrophenol	14.53	109	292157	16.75	ng/ul	92
53) Dibenzofuran	14.62	168	1476935	19.95	ng/ul	100
54) 2,4-Dinitrotoluene	14.63	165	356342	19.67	ng/ul#	92
55) 2,3,4,6-Tetrachlorophenol	14.87	232	321545	18.12	ng/ul#	89
56) Diethylphthalate	15.06	149	1252712	20.52	ng/ul	96
58) Fluorene	15.27	166	1208726	19.42	ng/ul	99
59) 4-Chlorophenyl-phenylether	15.27	204	643901	18.42	ng/ul	98
60) 4-Nitroaniline	15.35	138	214953	21.33	ng/ul#	70
63) 4,6-Dinitro-2-methylphenol	15.39	198	202683	17.72	ng/ul	99
64) N-Nitrosodiphenylamine	15.49	169	1039086	21.40	ng/ul	95
65) 4-Bromophenyl-phenylether	16.16	248	403788	19.41	ng/ul	95
66) Hexachlorobenzene	16.28	284	447024	19.80	ng/ul	92
67) Atrazine	16.46	200	386647	18.61	ng/ul	95
68) Pentachlorophenol	16.64	266	210929	16.90	ng/ul	94
69) Phenanthrene	17.02	178	1905805	20.38	ng/ul	99
71) Anthracene	17.11	178	1954619	20.25	ng/ul	97
72) Carbazole	17.40	167	1629760	19.82	ng/ul	98
73) Di-n-butylphthalate	17.94	149	1978409	22.20	ng/ul	99
74) Fluoranthene	19.04	202	2315014	19.32	ng/ul#	96
77) Pyrene	19.41	202	2396673	19.32	ng/ul#	97
78) Butylbenzylphthalate	20.32	149	903164	21.14	ng/ul	95
79) 3,3'-Dichlorobenzidine	21.11	252	681216	19.69	ng/ul	94
80) Benzo(a)anthracene	21.17	228	2264102	19.70	ng/ul	98
81) Bis(2-ethylhexyl)phthalate	21.09	149	1250202	21.33	ng/ul	99
82) Chrysene	21.22	228	2019120	19.99	ng/ul	98
84) Di-n-octyl phthalate	21.95	149	2020244	19.71	ng/ul#	93
85) Benzo(b)fluoranthene	22.71	252	2111811m	20.08	ng/ul	
86) Benzo(k)fluoranthene	22.76	252	2076052	20.23	ng/ul	98
88) Benzo(a)pyrene	23.27	252	1996889	19.99	ng/ul#	96
89) Indeno(1,2,3-cd)pyrene	25.56	276	2316624	19.50	ng/ul	97
90) Dibenzo(a,h)anthracene	25.56	278	1928262	18.83	ng/ul#	98
91) Benzo(g,h,i)perylene	26.23	276	1840744	19.15	ng/ul#	98

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

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