Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM081716\
Data File : BM007141.D
Acq On : 16 Aug 2016 13:00
Operator : UM/SJ
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTD02044

Quant Time: Aug 16 15:03:08 2016
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-BM081116.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Aug 13 00:47:53 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.81	152	239346	20.00	ng/ul	0.00
18) Naphthalene-d8	10.59	136	956290	20.00	ng/ul	-0.01
35) Acenaphthene-d10	14.44	164	540500	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.18	188	1270077	20.00	ng/ul	0.00
75) Chrysene-d12	21.36	240	1668178	20.00	ng/ul	0.00
83) Perylene-d12	23.64	264	1776424	20.00	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.32	96	44411	8.11	ng/uL	0.00
5) Phenol-d5	6.97	99	387947	20.01	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.15	67	230235	20.71	ng/ul	0.00
9) 2-Chlorophenol-d4	7.34	132	316831	20.52	ng/ul	-0.01
13) 4-Methylphenol-d8	8.51	113	303399	19.02	ng/ul	0.00
19) Nitrobenzene-d5	8.96	128	144318	20.78	ng/ul	0.00
22) 2-Nitrophenol-d4	9.68	143	157557	21.23	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.21	165	313546	20.17	ng/ul	-0.01
29) 4-Chloroaniline-d4	10.73	131	374696	20.26	ng/ul	0.00
43) Dimethylphthalate-d6	13.85	166	873692	19.56	ng/ul	-0.01
46) Acenaphthylene-d8	14.13	160	1106213	20.62	ng/ul	-0.01
51) 4-Nitrophenol-d4	14.63	143	147714	18.45	ng/ul	0.00
57) Fluorene-d10	15.43	176	777458	19.91	ng/ul	-0.01
62) 4,6-Dinitro-2-methylphenol	15.55	200	122424	17.44	ng/ul	0.00
70) Anthracene-d10	17.28	188	1196788	20.34	ng/ul	0.00
76) Pyrene-d10	19.57	212	1459611	20.73	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.49	264	1676100	20.63	ng/ul	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.36	88	47087	8.26	ng/uL	97
4) Benzaldehyde	6.96	77	254738	21.86	ng/ul	97
6) Phenol	7.00	94	406894	19.92	ng/ul	97
8) Bis(2-Chloroethyl)ether	7.23	93	304621	20.21	ng/ul	99
10) 2-Chlorophenol	7.37	128	325679	20.62	ng/ul	98
11) 2-Methylphenol	8.25	108	298115	19.41	ng/ul	100
12) 2,2'-oxybis(1-Chloropropan	8.34	45	341327	19.77	ng/ul	97
14) Acetophenone	8.62	105	484356	19.71	ng/ul	97
15) N-Nitroso-di-n-propylamine	8.61	70	240722	18.83	ng/ul	95
16) 4-Methylphenol	8.57	108	326362	19.47	ng/ul	98
17) Hexachloroethane	8.88	117	131990	20.02	ng/ul	96
20) Nitrobenzene	9.00	77	367314	20.55	ng/ul	100
21) Isophorone	9.52	82	638082	19.06	ng/ul	99
23) 2-Nitrophenol	9.71	139	174171	21.46	ng/ul	97
24) 2,4-Dimethylphenol	9.77	107	380607	20.46	ng/ul	99
25) Bis(2-Chloroethoxy)methane	10.00	93	393085	19.55	ng/ul	96
27) 2,4-Dichlorophenol	10.24	162	316812	20.46	ng/ul	98
28) Naphthalene	10.65	128	959519	20.26	ng/ul	100
30) 4-Chloroaniline	10.75	127	379889	20.03	ng/ul	98
31) Hexachlorobutadiene	10.93	225	233223	20.37	ng/ul	98
32) Caprolactam	11.50	113	88470	16.87	ng/ul	93
33) 4-Chloro-3-methylphenol	11.87	107	327335	19.35	ng/ul	95
34) 2-Methylnaphthalene	12.25	142	711778	19.49	ng/ul	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.62	216	418837	21.91	ng/ul	96
37) Hexachlorocyclopentadiene	12.60	237	197834	16.25	ng/ul	99
38) 2,4,6-Trichlorophenol	12.86	196	257786	21.03	ng/ul	99
39) 2,4,5-Trichlorophenol	12.93	196	262471	20.45	ng/ul	98
40) 1,1'-Biphenyl	13.27	154	904272	20.85	ng/ul	99
41) 2-Chloronaphthalene	13.31	162	706773	20.77	ng/ul	99
42) 2-Nitroaniline	13.52	65	197712	20.25	ng/ul	98
44) Dimethylphthalate	13.90	163	863794	19.35	ng/ul	100
45) 2,6-Dinitrotoluene	14.02	165	174159	20.08	ng/ul	97
47) Acenaphthylene	14.16	152	1127202	20.41	ng/ul	99
48) 3-Nitroaniline	14.35	138	179037	20.87	ng/ul	97
49) Acenaphthene	14.50	153	729428	20.35	ng/ul	99
50) 2,4-Dinitrophenol	14.55	184	79263	15.41	ng/ul	95
52) 4-Nitrophenol	14.65	109	149427	18.37	ng/ul	91
53) Dibenzofuran	14.84	168	1068266	20.07	ng/ul	100
54) 2,4-Dinitrotoluene	14.80	165	254981	19.92	ng/ul	96
55) 2,3,4,6-Tetrachlorophenol	15.06	232	249159	20.08	ng/ul	98
56) Diethylphthalate	15.26	149	860630	18.28	ng/ul	99
58) Fluorene	15.49	166	851863	19.85	ng/ul	96
59) 4-Chlorophenyl-phenylether	15.48	204	443683	19.58	ng/ul	98
60) 4-Nitroaniline	15.50	138	188717	18.76	ng/ul	97
63) 4,6-Dinitro-2-methylphenol	15.56	198	135850	17.79	ng/ul	100
64) N-Nitrosodiphenylamine	15.69	169	743904	20.70	ng/ul	100
65) 4-Bromophenyl-phenylether	16.37	248	300165	20.87	ng/ul	100
66) Hexachlorobenzene	16.49	284	333135	20.47	ng/ul	96
67) Atrazine	16.64	200	289458	19.98	ng/ul	98
68) Pentachlorophenol	16.83	266	190415	19.02	ng/ul	96
69) Phenanthrene	17.22	178	1389030	20.34	ng/ul	100
71) Anthracene	17.32	178	1422823	20.30	ng/ul	99
72) Carbazole	17.58	167	1262433	20.90	ng/ul	99
73) Di-n-butylphthalate	18.15	149	1463684	19.82	ng/ul	98
74) Fluoranthene	19.24	202	1809478	21.84	ng/ul	99
77) Pyrene	19.60	202	1882645	20.41	ng/ul	99
78) Butylbenzylphthalate	20.50	149	722358	20.15	ng/ul	99
79) 3,3'-Dichlorobenzidine	21.28	252	655156	20.33	ng/ul	100
80) Benzo(a)anthracene	21.35	228	2032359	20.62	ng/ul	100
81) Bis(2-ethylhexyl)phthalate	21.28	149	977434	18.42	ng/ul	98
82) Chrysene	21.40	228	1812391	20.12	ng/ul	99
84) Di-n-octyl phthalate	22.17	149	1822885	19.89	ng/ul	99
85) Benzo(b)fluoranthene	22.96	252	2266260	21.18	ng/ul	99
86) Benzo(k)fluoranthene	23.00	252	2012914	20.03	ng/ul	99
88) Benzo(a)pyrene	23.54	252	2101166	20.71	ng/ul	99
89) Indeno(1,2,3-cd)pyrene	25.93	276	2537292	20.41	ng/ul	99
90) Dibenzo(a,h)anthracene	25.95	278	2125072	20.36	ng/ul	99
91) Benzo(g,h,i)perylene	26.64	276	2073151	19.73	ng/ul	99

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

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