Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM092016\
Data File : BM007496.D
Acq On : 20 Sep 2016 14:51
Operator : UM/SJ
Sample : SSTDCCC020EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD02060

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Quant Time: Sep 20 16:56:38 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM082316.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Sep 20 01:35:12 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.79	152	129331	20.00	ng/ul	0.00
18) Naphthalene-d8	10.57	136	625397	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.42	164	432929	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.16	188	1153887	20.00	ng/ul	0.00
75) Chrysene-d12	21.34	240	1723955	20.00	ng/ul	0.00
83) Perylene-d12	23.61	264	1947212	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.30	96	19904	7.87	ng/uL	0.00
5) Phenol-d5	6.96	99	233893	19.14	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.12	67	130060	20.26	ng/ul	0.00
9) 2-Chlorophenol-d4	7.32	132	179862	19.92	ng/ul	0.00
13) 4-Methylphenol-d8	8.49	113	202345	18.99	ng/ul	0.00
19) Nitrobenzene-d5	8.95	128	94979	20.69	ng/ul	0.00
22) 2-Nitrophenol-d4	9.66	143	107854	20.12	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.19	165	214604	20.10	ng/ul	0.00
29) 4-Chloroaniline-d4	10.71	131	272420	20.46	ng/ul	0.00
43) Dimethylphthalate-d6	13.83	166	752240	20.14	ng/ul	0.00
46) Acenaphthylene-d8	14.11	160	881510	20.36	ng/ul	0.00
51) 4-Nitrophenol-d4	14.63	143	132372	18.77	ng/ul	0.00
57) Fluorene-d10	15.41	176	653046	20.22	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.54	200	143168	19.73	ng/ul	0.00
70) Anthracene-d10	17.26	188	1108065	20.56	ng/ul	0.00
76) Pyrene-d10	19.56	212	1421808	19.72	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.47	264	1823257	20.33	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.34	88	24475	8.67	ng/uL	97
4) Benzaldehyde	6.94	77	156077	22.42	ng/ul	96
6) Phenol	6.99	94	247627	19.54	ng/ul	97
8) Bis(2-Chloroethyl)ether	7.22	93	180047	20.40	ng/ul	98
10) 2-Chlorophenol	7.36	128	183084	19.80	ng/ul	99
11) 2-Methylphenol	8.23	108	193212	19.51	ng/ul	96
12) 2,2'-oxybis(1-Chloropropan	8.32	45	197570	19.89	ng/ul	98
14) Acetophenone	8.60	105	320712	19.63	ng/ul	99
15) N-Nitroso-di-n-propylamine	8.59	70	172253	19.83	ng/ul	94
16) 4-Methylphenol	8.56	108	218466	19.66	ng/ul	99
17) Hexachloroethane	8.86	117	73035	20.31	ng/ul	97
20) Nitrobenzene	8.99	77	247762	21.01	ng/ul	98
21) Isophorone	9.50	82	475424	19.79	ng/ul	98
23) 2-Nitrophenol	9.69	139	116946	20.07	ng/ul#	94
24) 2,4-Dimethylphenol	9.75	107	262214	20.40	ng/ul	99
25) Bis(2-Chloroethoxy)methane	9.99	93	267887	19.79	ng/ul	96
27) 2,4-Dichlorophenol	10.22	162	212307	20.03	ng/ul	98
28) Naphthalene	10.62	128	637283	20.49	ng/ul	99
30) 4-Chloroaniline	10.73	127	280895	20.49	ng/ul	100
31) Hexachlorobutadiene	10.90	225	149300	20.84	ng/ul	98
32) Caprolactam	11.50	113	79380m	18.59	ng/ul	
33) 4-Chloro-3-methylphenol	11.86	107	261817	19.95	ng/ul	93
34) 2-Methylnaphthalene	12.23	142	510755	20.06	ng/ul	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.60	216	301131	20.89	ng/ul	97
37) Hexachlorocyclopentadiene	12.58	237	142594	16.40	ng/ul	100
38) 2,4,6-Trichlorophenol	12.85	196	202145	19.82	ng/ul	100
39) 2,4,5-Trichlorophenol	12.92	196	215458	20.27	ng/ul	97
40) 1,1'-Biphenyl	13.25	154	692490	20.63	ng/ul	99
41) 2-Chloronaphthalene	13.29	162	537002	20.40	ng/ul	97
42) 2-Nitroaniline	13.50	65	175984	20.47	ng/ul	99
44) Dimethylphthalate	13.87	163	746446	20.06	ng/ul	98
45) 2,6-Dinitrotoluene	14.00	165	151969	19.98	ng/ul	93
47) Acenaphthylene	14.14	152	916674	20.58	ng/ul	99
48) 3-Nitroaniline	14.33	138	155488	20.03	ng/ul	98
49) Acenaphthene	14.48	153	597780	20.62	ng/ul	100
50) 2,4-Dinitrophenol	14.54	184	91210	17.69	ng/ul	86
52) 4-Nitrophenol	14.64	109	140125	18.68	ng/ul	93
53) Dibenzofuran	14.82	168	890941	20.54	ng/ul	97
54) 2,4-Dinitrotoluene	14.79	165	234548	20.12	ng/ul	100
55) 2,3,4,6-Tetrachlorophenol	15.04	232	221125	20.28	ng/ul	95
56) Diethylphthalate	15.24	149	763130	19.67	ng/ul	99
58) Fluorene	15.47	166	737977	20.66	ng/ul	99
59) 4-Chlorophenyl-phenylether	15.46	204	382787	20.50	ng/ul	98
60) 4-Nitroaniline	15.50	138	172470	19.58	ng/ul	93
63) 4,6-Dinitro-2-methylphenol	15.56	198	153003	19.76	ng/ul	97
64) N-Nitrosodiphenylamine	15.67	169	663349	20.59	ng/ul	99
65) 4-Bromophenyl-phenylether	16.36	248	263422	20.22	ng/ul	97
66) Hexachlorobenzene	16.47	284	288465	19.77	ng/ul	96
67) Atrazine	16.63	200	276199	20.31	ng/ul	98
68) Pentachlorophenol	16.82	266	177332	18.84	ng/ul	99
69) Phenanthrene	17.20	178	1275057	20.58	ng/ul	100
71) Anthracene	17.30	178	1337300	20.91	ng/ul	99
72) Carbazole	17.57	167	1189205	21.40	ng/ul	99
73) Di-n-butylphthalate	18.13	149	1369214	19.58	ng/ul	99
74) Fluoranthene	19.22	202	1710118	22.00	ng/ul	98
77) Pyrene	19.59	202	1828175	19.77	ng/ul	96
78) Butylbenzylphthalate	20.48	149	738442	19.19	ng/ul	99
79) 3,3'-Dichlorobenzidine	21.26	252	723010	21.13	ng/ul	98
80) Benzo(a)anthracene	21.33	228	2071215	20.38	ng/ul	99
81) Bis(2-ethylhexyl)phthalate	21.25	149	1079681	19.34	ng/ul	99
82) Chrysene	21.38	228	1869989	20.31	ng/ul	99
84) Di-n-octyl phthalate	22.13	149	2005175	20.67	ng/ul	100
85) Benzo(b)fluoranthene	22.93	252	2312202	20.08	ng/ul	100
86) Benzo(k)fluoranthene	22.97	252	2208383	20.75	ng/ul	99
88) Benzo(a)pyrene	23.51	252	2258965	20.50	ng/ul	98
89) Indeno(1,2,3-cd)pyrene	25.90	276	2682507	19.84	ng/ul	99
90) Dibenzo(a,h)anthracene	25.91	278	2215513	19.70	ng/ul	99
91) Benzo(g,h,i)perylene	26.60	276	2263662	19.72	ng/ul	97

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

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