Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM072616\
Data File : BM006681.D
Acq On : 27 Jul 2016 10:12
Operator : UM/SJ
Sample : SSTDCCC020EC
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTD02042

Quant Time: Jul 27 11:40:12 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM072616.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Jul 26 15:24:14 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.60	152	125742	20.00	ng/ul	0.00
18) Naphthalene-d8	10.39	136	530958	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.26	164	300239	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.02	188	685985	20.00	ng/ul	0.00
75) Chrysene-d12	21.22	240	826551	20.00	ng/ul	0.00
83) Perylene-d12	23.42	264	892301	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.13	96	25888	8.00	ng/uL	0.00
5) Phenol-d5	6.79	99	222670	20.14	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.95	67	137304	20.23	ng/ul	0.00
9) 2-Chlorophenol-d4	7.14	132	169918	19.60	ng/ul	0.00
13) 4-Methylphenol-d8	8.32	113	172936	19.95	ng/ul	0.00
19) Nitrobenzene-d5	8.76	128	81686	19.93	ng/ul	0.00
22) 2-Nitrophenol-d4	9.48	143	88261	19.93	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.02	165	164779	20.29	ng/ul	0.00
29) 4-Chloroaniline-d4	10.53	131	178709	21.67	ng/ul	0.00
43) Dimethylphthalate-d6	13.67	166	484121	20.21	ng/ul	0.00
46) Acenaphthylene-d8	13.95	160	618066	20.52	ng/ul	0.00
51) 4-Nitrophenol-d4	14.49	143	82287	19.96	ng/ul	0.00
57) Fluorene-d10	15.26	176	419002	20.16	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.40	200	71310	19.07	ng/ul	0.00
70) Anthracene-d10	17.11	188	658005	20.56	ng/ul	0.00
76) Pyrene-d10	19.42	212	749696	19.55	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.28	264	824744	20.42	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.16	88	27368	8.22	ng/uL#	27
4) Benzaldehyde	6.76	77	141195	20.00	ng/ul	100
6) Phenol	6.82	94	233012	19.95	ng/ul	99
8) Bis(2-Chloroethyl)ether	7.04	93	181663	20.58	ng/ul	100
10) 2-Chlorophenol	7.17	128	176935	19.95	ng/ul	97
11) 2-Methylphenol	8.06	108	171890	19.65	ng/ul	97
12) 2,2'-oxybis(1-Chloropropan	8.14	45	257718	20.12	ng/ul	98
14) Acetophenone	8.43	105	277182	20.52	ng/ul	97
15) N-Nitroso-di-n-propylamine	8.41	70	144077	19.51	ng/ul	98
16) 4-Methylphenol	8.38	108	186390	20.04	ng/ul	96
17) Hexachloroethane	8.67	117	75756	20.16	ng/ul	97
20) Nitrobenzene	8.80	77	213091	20.33	ng/ul	99
21) Isophorone	9.32	82	393221	19.95	ng/ul	99
23) 2-Nitrophenol	9.51	139	95926	19.77	ng/ul	96
24) 2,4-Dimethylphenol	9.57	107	208698	20.20	ng/ul	99
25) Bis(2-Chloroethoxy)methane	9.81	93	242731	20.02	ng/ul	99
27) 2,4-Dichlorophenol	10.05	162	164195	20.40	ng/ul	99
28) Naphthalene	10.43	128	539262	20.32	ng/ul	98
30) 4-Chloroaniline	10.56	127	184135	21.65	ng/ul	99
31) Hexachlorobutadiene	10.72	225	103652	20.42	ng/ul	99
32) Caprolactam	11.30	113	54305	18.49	ng/ul	98
33) 4-Chloro-3-methylphenol	11.69	107	186753	19.83	ng/ul	100
34) 2-Methylnaphthalene	12.06	142	396799	20.34	ng/ul	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.43	216	199953	20.72	ng/ul	99
37) Hexachlorocyclopentadiene	12.41	237	68434	16.53	ng/ul	99
38) 2,4,6-Trichlorophenol	12.69	196	128215	19.83	ng/ul	98
39) 2,4,5-Trichlorophenol	12.76	196	134178	20.04	ng/ul	99
40) 1,1'-Biphenyl	13.09	154	506215	20.72	ng/ul	99
41) 2-Chloronaphthalene	13.13	162	388122	20.48	ng/ul	99
42) 2-Nitroaniline	13.35	65	132850	20.02	ng/ul	94
44) Dimethylphthalate	13.72	163	488987	20.40	ng/ul	100
45) 2,6-Dinitrotoluene	13.85	165	97379	19.52	ng/ul	99
47) Acenaphthylene	13.98	152	646513	20.62	ng/ul	99
48) 3-Nitroaniline	14.18	138	94258	20.97	ng/ul	97
49) Acenaphthene	14.33	153	407280	20.38	ng/ul	97
50) 2,4-Dinitrophenol	14.40	184	38776	15.69	ng/ul	95
52) 4-Nitrophenol	14.50	109	75102	20.10	ng/ul	96
53) Dibenzofuran	14.66	168	590279	20.73	ng/ul	99
54) 2,4-Dinitrotoluene	14.64	165	145247	20.70	ng/ul	97
55) 2,3,4,6-Tetrachlorophenol	14.90	232	114736	20.38	ng/ul	99
56) Diethylphthalate	15.09	149	505393	19.94	ng/ul	98
58) Fluorene	15.32	166	476579	20.70	ng/ul	99
59) 4-Chlorophenyl-phenylether	15.31	204	232327	20.72	ng/ul	98
60) 4-Nitroaniline	15.34	138	111673	19.71	ng/ul	96
63) 4,6-Dinitro-2-methylphenol	15.42	198	79374	19.74	ng/ul	98
64) N-Nitrosodiphenylamine	15.53	169	425387	20.71	ng/ul	99
65) 4-Bromophenyl-phenylether	16.20	248	150759	20.59	ng/ul	97
66) Hexachlorobenzene	16.32	284	164658	20.64	ng/ul	98
67) Atrazine	16.48	200	150862	20.63	ng/ul	98
68) Pentachlorophenol	16.67	266	62748	17.65	ng/ul	97
69) Phenanthrene	17.06	178	775394	20.85	ng/ul	100
71) Anthracene	17.14	178	808269	21.03	ng/ul	100
72) Carbazole	17.42	167	729444	21.69	ng/ul	99
73) Di-n-butylphthalate	17.99	149	899544	19.89	ng/ul	100
74) Fluoranthene	19.08	202	932411	22.13	ng/ul	100
77) Pyrene	19.44	202	998065	19.78	ng/ul	99
78) Butylbenzylphthalate	20.35	149	437487	18.82	ng/ul	99
79) 3,3'-Dichlorobenzidine	21.14	252	300990	21.32	ng/ul	99
80) Benzo(a)anthracene	21.20	228	1000675	20.29	ng/ul	100
81) Bis(2-ethylhexyl)phthalate	21.13	149	632230	18.90	ng/ul	100
82) Chrysene	21.26	228	928589	20.67	ng/ul	99
84) Di-n-octyl phthalate	22.00	149	1164620	20.46	ng/ul	98
85) Benzo(b)fluoranthene	22.76	252	1050894	19.92	ng/ul	99
86) Benzo(k)fluoranthene	22.80	252	1032304	21.33	ng/ul	99
88) Benzo(a)pyrene	23.32	252	1047242	20.82	ng/ul	99
89) Indeno(1,2,3-cd)pyrene	25.62	276	1226617	20.80	ng/ul	99
90) Dibenzo(a,h)anthracene	25.63	278	1026483	20.91	ng/ul	98
91) Benzo(g,h,i)perylene	26.30	276	1057802	20.76	ng/ul	99

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

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