Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM122115\
Data File : BM003700.D
Acq On : 22 Dec 2015 05:29
Operator : UM/SJ
Sample : SSTDCCC020EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTD02061

Quant Time: Dec 22 06:08:47 2015
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-BM121915.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Dec 22 02:40:18 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.69	152	40650	20.00	ng/ul	0.00
18) Naphthalene-d8	10.48	136	170339	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.34	164	93532	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.10	188	201221	20.00	ng/ul	0.00
78) Chrysene-d12	21.30	240	209513	20.00	ng/ul	0.00
86) Perylene-d12	23.54	264	201826	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.15	96	6739	8.93	ng/uL	0.00
5) Phenol-d5	6.87	99	64889	18.94	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.03	67	35625	19.52	ng/ul	0.00
9) 2-Chlorophenol-d4	7.22	132	56441	20.19	ng/ul	0.00
13) 4-Methylphenol-d8	8.40	113	53281	17.96	ng/ul	0.00
19) Nitrobenzene-d5	8.85	128	26406	21.37	ng/ul	0.00
22) 2-Nitrophenol-d4	9.57	143	28794	20.71	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.11	165	51411	20.26	ng/ul	0.00
29) 4-Chloroaniline-d4	10.62	131	69042	20.43	ng/ul	0.00
44) Dimethylphthalate-d6	13.76	166	149885	19.39	ng/ul	0.00
47) Acenaphthylene-d8	14.04	160	185326	21.06	ng/ul	0.00
52) 4-Nitrophenol-d4	14.56	143	26574	17.65	ng/ul	0.00
58) Fluorene-d10	15.34	176	127644	19.96	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.47	200	22891	20.18	ng/ul	0.00
71) Anthracene-d10	17.19	188	190560	20.81	ng/ul	0.00
79) Pyrene-d10	19.50	212	202237	22.10	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.40	264	208173	20.76	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.19	88	7997	9.03	ng/uL	97
4) Benzaldehyde	6.83	77	41913	21.21	ng/ul	100
6) Phenol	6.89	94	69058	19.14	ng/ul	99
8) Bis(2-Chloroethyl)ether	7.12	93	51770	19.42	ng/ul	99
10) 2-Chlorophenol	7.26	128	58030	19.97	ng/ul	99
11) 2-Methylphenol	8.14	108	52401	18.34	ng/ul	99
12) 2,2'-oxybis(1-Chloropropan	8.23	45	51810	19.26	ng/ul	99
14) Acetophenone	8.51	105	84839	18.30	ng/ul	98
15) N-Nitroso-di-n-propylamine	8.50	70	40039	17.83	ng/ul	98
16) 4-Methylphenol	8.47	108	56977	17.89	ng/ul	96
17) Hexachloroethane	8.76	117	22695	20.53	ng/ul	97
20) Nitrobenzene	8.89	77	60884	21.33	ng/ul	99
21) Isophorone	9.41	82	108948	19.15	ng/ul	99
23) 2-Nitrophenol	9.60	139	32574	21.12	ng/ul	99
24) 2,4-Dimethylphenol	9.66	107	63766	20.20	ng/ul	99
25) Bis(2-Chloroethoxy)methane	9.90	93	67888	19.80	ng/ul	99
27) 2,4-Dichlorophenol	10.13	162	53343	20.23	ng/ul	100
28) Naphthalene	10.53	128	183993	20.97	ng/ul	99
30) 4-Chloroaniline	10.65	127	69945	20.47	ng/ul	98
31) Hexachlorobutadiene	10.82	225	35327	21.76	ng/ul	99
32) Caprolactam	11.40	113	14996	15.22	ng/ul	97
33) 4-Chloro-3-methylphenol	11.78	107	57901	18.71	ng/ul	99
34) 2-Methylnaphthalene	12.15	142	128783	19.65	ng/ul	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	12.37	142	121151	19.46	ng/ul	99
37) 1,2,4,5-Tetrachlorobenzene	12.53	216	62895	22.22	ng/ul	99
38) Hexachlorocyclopentadiene	12.50	237	28138	18.56	ng/ul	98
39) 2,4,6-Trichlorophenol	12.77	196	39666	20.74	ng/ul	99
40) 2,4,5-Trichlorophenol	12.85	196	43770	20.72	ng/ul	97
41) 1,1'-Biphenyl	13.17	154	163334	21.50	ng/ul	100
42) 2-Chloronaphthalene	13.22	162	123573	21.66	ng/ul	99
43) 2-Nitroaniline	13.43	65	31477	19.93	ng/ul	98
45) Dimethylphthalate	13.80	163	154174	19.50	ng/ul	100
46) 2,6-Dinitrotoluene	13.93	165	30246	19.63	ng/ul	93
48) Acenaphthylene	14.07	152	202139	21.01	ng/ul	100
49) 3-Nitroaniline	14.26	138	32604	18.97	ng/ul	99
50) Acenaphthene	14.41	153	134362	20.91	ng/ul	98
51) 2,4-Dinitrophenol	14.47	184	14737	18.04	ng/ul	99
53) 4-Nitrophenol	14.57	109	22857	17.94	ng/ul	99
54) Dibenzofuran	14.74	168	185953	20.27	ng/ul	100
55) 2,4-Dinitrotoluene	14.72	165	45625	19.50	ng/ul	100
56) 2,3,4,6-Tetrachlorophenol	14.98	232	34458	18.93	ng/ul	99
57) Diethylphthalate	15.17	149	156907	18.75	ng/ul	99
59) Fluorene	15.40	166	148265	20.14	ng/ul	99
60) 4-Chlorophenyl-phenylether	15.39	204	72005	20.15	ng/ul	100
61) 4-Nitroaniline	15.42	138	35575	18.63	ng/ul	99
64) 4,6-Dinitro-2-methylphenol	15.49	198	24744	20.37	ng/ul	98
65) N-Nitrosodiphenylamine	15.61	169	127119	21.58	ng/ul	99
66) 4-Bromophenyl-phenylether	16.29	248	42209	21.07	ng/ul	99
67) Hexachlorobenzene	16.40	284	46798	21.00	ng/ul	99
68) Atrazine	16.56	200	45479	20.10	ng/ul	98
69) Pentachlorophenol	16.75	266	23251	18.50	ng/ul	98
70) Phenanthrene	17.14	178	230746	20.73	ng/ul	99
72) Anthracene	17.23	178	235344	20.73	ng/ul	100
73) 1,2,3,4-Tetrachlorobenzene	13.14	216	67609	24.52	ng/uL	99
74) Pentachlorobenzene	14.67	250	58644	22.58	ng/uL	100
75) Carbazole	17.50	167	214197	20.68	ng/ul	100
76) Di-n-butylphthalate	18.06	149	256504	19.03	ng/ul	100
77) Fluoranthene	19.16	202	258405	20.20	ng/ul	98
80) Pyrene	19.53	202	265810	22.04	ng/ul	98
81) Butylbenzylphthalate	20.43	149	114070	20.00	ng/ul	97
82) 3,3'-Dichlorobenzidine	21.22	252	86052	21.49	ng/ul	99
83) Benzo(a)anthracene	21.28	228	256924	20.34	ng/ul	100
84) Bis(2-ethylhexyl)phthalate	21.21	149	166026	19.56	ng/ul	99
85) Chrysene	21.33	228	246160	20.21	ng/ul	99
87) Di-n-octyl phthalate	22.09	149	289961	20.79	ng/ul	100
88) Benzo(b)fluoranthene	22.86	252	252777	20.77	ng/ul	100
89) Benzo(k)fluoranthene	22.91	252	241774	20.97	ng/ul	100
91) Benzo(a)pyrene	23.44	252	241520	20.75	ng/ul	99
92) Indeno(1,2,3-cd)pyrene	25.80	276	272932	21.79	ng/ul	100
93) Dibenzo(a,h)anthracene	25.81	278	230062	21.89	ng/ul	99
94) Benzo(g,h,i)perylene	26.50	276	228188	22.18	ng/ul	99

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

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