Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM072715\
Data File : BM002089.D
Acq On : 28 Jul 2015 11:00
Operator : UM/HP
Sample : SSTDCCC020
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTD02080

Quant Time: Jul 28 14:49:02 2015
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM072715.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Jul 27 16:22:43 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.60	152	63434	20.00	ng/ul	0.00
18) Naphthalene-d8	10.39	136	238499	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.26	164	137842	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.01	188	308671	20.00	ng/ul	0.00
78) Chrysene-d12	21.21	240	374275	20.00	ng/ul	0.00
86) Perylene-d12	23.41	264	375192	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.07	96	9945	8.11	ng/uL	0.00
5) Phenol-d5	6.77	99	84088	18.54	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.93	67	46315	18.47	ng/ul	0.00
9) 2-Chlorophenol-d4	7.13	132	72146	18.77	ng/ul	0.00
13) 4-Methylphenol-d8	8.31	113	68032	18.87	ng/ul	0.00
19) Nitrobenzene-d5	8.76	128	33357	19.68	ng/ul	0.00
22) 2-Nitrophenol-d4	9.47	143	37035	19.66	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.01	165	73990	20.39	ng/ul	0.00
29) 4-Chloroaniline-d4	10.53	131	83678	20.99	ng/ul	0.00
44) Dimethylphthalate-d6	13.67	166	200273	19.84	ng/ul	0.00
47) Acenaphthylene-d8	13.95	160	250642	19.85	ng/ul	0.00
52) 4-Nitrophenol-d4	14.47	143	32306	19.17	ng/ul	0.00
58) Fluorene-d10	15.26	176	177011	19.92	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.39	200	35416	18.76	ng/ul	0.00
71) Anthracene-d10	17.10	188	271851	19.73	ng/ul	0.00
79) Pyrene-d10	19.41	212	304090	19.30	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.27	264	356583	19.60	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.10	88	10326	7.89	ng/uL	97
4) Benzaldehyde	6.75	77	47011	19.53	ng/ul	95
6) Phenol	6.80	94	87695	18.91	ng/ul	99
8) Bis(2-Chloroethyl)ether	7.03	93	65801	18.87	ng/ul	95
10) 2-Chlorophenol	7.16	128	73979	19.20	ng/ul	98
11) 2-Methylphenol	8.04	108	66746	19.01	ng/ul	99
12) 2,2'-oxybis(1-Chloropropan	8.13	45	63154	17.68	ng/ul	98
14) Acetophenone	8.42	105	109122	19.12	ng/ul	99
15) N-Nitroso-di-n-propylamine	8.40	70	51615	18.66	ng/ul	97
16) 4-Methylphenol	8.37	108	70901	18.79	ng/ul	99
17) Hexachloroethane	8.66	117	29916	18.98	ng/ul	94
20) Nitrobenzene	8.80	77	77765	19.55	ng/ul	98
21) Isophorone	9.32	82	137459	19.37	ng/ul	99
23) 2-Nitrophenol	9.50	139	40499	19.68	ng/ul	92
24) 2,4-Dimethylphenol	9.57	107	79769	19.74	ng/ul	98
25) Bis(2-Chloroethoxy)methane	9.80	93	81726	18.92	ng/ul	98
27) 2,4-Dichlorophenol	10.03	162	71787	20.41	ng/ul	98
28) Naphthalene	10.43	128	220733	19.48	ng/ul	99
30) 4-Chloroaniline	10.55	127	87933	21.20	ng/ul	97
31) Hexachlorobutadiene	10.71	225	53681	20.42	ng/ul	95
32) Caprolactam	11.30	113	18490	18.78	ng/ul	96
33) 4-Chloro-3-methylphenol	11.69	107	68702	19.68	ng/ul	97
34) 2-Methylnaphthalene	12.06	142	163505	19.83	ng/ul	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	12.28	142	156415	19.73	ng/ul	98
37) 1,2,4,5-Tetrachlorobenzene	12.43	216	96102	20.04	ng/ul	99
38) Hexachlorocyclopentadiene	12.40	237	49603	18.15	ng/ul	94
39) 2,4,6-Trichlorophenol	12.68	196	56144	19.95	ng/ul	99
40) 2,4,5-Trichlorophenol	12.75	196	60928	20.04	ng/ul	99
41) 1,1'-Biphenyl	13.09	154	210198	19.79	ng/ul	98
42) 2-Chloronaphthalene	13.13	162	163254	19.77	ng/ul	99
43) 2-Nitroaniline	13.34	65	39880	19.38	ng/ul	98
45) Dimethylphthalate	13.72	163	201200	19.96	ng/ul	100
46) 2,6-Dinitrotoluene	13.85	165	41399	20.19	ng/ul	96
48) Acenaphthylene	13.98	152	256229	19.67	ng/ul	99
49) 3-Nitroaniline	14.17	138	35235	19.31	ng/ul	95
50) Acenaphthene	14.32	153	167047	19.56	ng/ul	99
51) 2,4-Dinitrophenol	14.39	184	20518	17.00	ng/ul	98
53) 4-Nitrophenol	14.49	109	29579	21.08	ng/ul	93
54) Dibenzofuran	14.66	168	243169	19.86	ng/ul	97
55) 2,4-Dinitrotoluene	14.64	165	60224	20.44	ng/ul	99
56) 2,3,4,6-Tetrachlorophenol	14.89	232	50544	19.78	ng/ul#	100
57) Diethylphthalate	15.09	149	194028	19.51	ng/ul	99
59) Fluorene	15.31	166	202077	19.96	ng/ul	99
60) 4-Chlorophenyl-phenylether	15.31	204	107002	19.76	ng/ul	97
61) 4-Nitroaniline	15.34	138	39678	20.39	ng/ul	100
64) 4,6-Dinitro-2-methylphenol	15.40	198	36746	18.55	ng/ul	98
65) N-Nitrosodiphenylamine	15.53	169	172186	19.51	ng/ul	98
66) 4-Bromophenyl-phenylether	16.20	248	64649	19.69	ng/ul	98
67) Hexachlorobenzene	16.32	284	70801	19.71	ng/ul	98
68) Atrazine	16.48	200	66148	19.43	ng/ul	98
69) Pentachlorophenol	16.66	266	32618	17.70	ng/ul	95
70) Phenanthrene	17.05	178	315968	19.76	ng/ul	99
72) Anthracene	17.14	178	323480	19.79	ng/ul	99
73) 1,2,3,4-Tetrachlorobenzene	13.04	216	91594	19.56	ng/uL	98
74) Pentachlorobenzene	14.58	250	86565	19.80	ng/uL	98
75) Carbazole	17.42	167	274168	19.64	ng/ul	100
76) Di-n-butylphthalate	17.97	149	320849	19.28	ng/ul	99
77) Fluoranthene	19.07	202	374380	20.28	ng/ul	99
80) Pyrene	19.44	202	395126	19.40	ng/ul	99
81) Butylbenzylphthalate	20.34	149	143018	18.39	ng/ul	98
82) 3,3'-Dichlorobenzidine	21.13	252	126395	19.07	ng/ul	98
83) Benzo(a)anthracene	21.19	228	409702	19.75	ng/ul	99
84) Bis(2-ethylhexyl)phthalate	21.12	149	215064	18.06	ng/ul	97
85) Chrysene	21.24	228	384232	19.79	ng/ul	100
87) Di-n-octyl phthalate	21.99	149	378250	17.56	ng/ul	100
88) Benzo(b)fluoranthene	22.75	252	402310	19.08	ng/ul	99
89) Benzo(k)fluoranthene	22.79	252	403660	19.84	ng/ul	99
91) Benzo(a)pyrene	23.31	252	400171	19.66	ng/ul	99
92) Indeno(1,2,3-cd)pyrene	25.62	276	471644	20.11	ng/ul	99
93) Dibenzo(a,h)anthracene	25.63	278	401945	20.03	ng/ul	98
94) Benzo(g,h,i)perylene	26.30	276	394756	20.08	ng/ul	97

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

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