Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM040116\
Data File : BM004850.D
Acq On : 01 Apr 2016 20:36
Operator : UM/SJ
Sample : SSTDCCC020
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTD02057

Quant Time: Apr 04 10:32:01 2016
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-BM040116.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Apr 04 01:00:14 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.83	152	40206	20.00	ng/ul	0.00
18) Naphthalene-d8	10.62	136	194122	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.46	164	123207	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.21	188	297965	20.00	ng/ul	0.00
78) Chrysene-d12	21.40	240	367204	20.00	ng/ul	0.00
86) Perylene-d12	23.69	264	389025	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.32	96	7814	7.86	ng/uL	0.00
5) Phenol-d5	6.99	99	66958	18.74	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.16	67	37843	19.55	ng/ul	0.00
9) 2-Chlorophenol-d4	7.36	132	51968	19.16	ng/ul	0.00
13) 4-Methylphenol-d8	8.53	113	56844	18.94	ng/ul	0.00
19) Nitrobenzene-d5	8.98	128	26387	19.16	ng/ul	0.00
22) 2-Nitrophenol-d4	9.70	143	29502	19.26	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.24	165	56223	19.69	ng/ul	0.00
29) 4-Chloroaniline-d4	10.75	131	77466	22.73	ng/ul	0.00
44) Dimethylphthalate-d6	13.87	166	187843	19.32	ng/ul	0.00
47) Acenaphthylene-d8	14.16	160	225503	19.39	ng/ul	0.00
52) 4-Nitrophenol-d4	14.66	143	35931	18.70	ng/ul	0.00
58) Fluorene-d10	15.46	176	163393	19.45	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.57	200	31774	17.80	ng/ul	0.00
71) Anthracene-d10	17.30	188	257710	19.33	ng/ul	0.00
79) Pyrene-d10	19.60	212	299609	18.79	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.54	264	323939	18.79	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.35	88	9244	7.64	ng/uL	90
4) Benzaldehyde	6.97	77	38977	23.40	ng/ul	97
6) Phenol	7.02	94	71229	19.09	ng/ul	99
8) Bis(2-Chloroethyl)ether	7.25	93	55010	19.46	ng/ul	95
10) 2-Chlorophenol	7.39	128	55200	19.33	ng/ul	95
11) 2-Methylphenol	8.26	108	54615	18.55	ng/ul	97
12) 2,2'-oxybis(1-Chloropropan	8.36	45	67540	19.59	ng/ul#	92
14) Acetophenone	8.65	105	90691	19.99	ng/ul	98
15) N-Nitroso-di-n-propylamine	8.63	70	45887	19.98	ng/ul	94
16) 4-Methylphenol	8.59	108	62838	19.15	ng/ul	97
17) Hexachloroethane	8.90	117	21057	19.23	ng/ul	99
20) Nitrobenzene	9.03	77	64208	19.43	ng/ul	97
21) Isophorone	9.55	82	127934	19.45	ng/ul	99
23) 2-Nitrophenol	9.73	139	33128	19.83	ng/ul	94
24) 2,4-Dimethylphenol	9.79	107	68802	19.49	ng/ul	99
25) Bis(2-Chloroethoxy)methane	10.03	93	79604	19.42	ng/ul	99
27) 2,4-Dichlorophenol	10.26	162	57209	19.40	ng/ul	98
28) Naphthalene	10.67	128	190714	19.43	ng/ul	99
30) 4-Chloroaniline	10.77	127	82160	22.85	ng/ul	100
31) Hexachlorobutadiene	10.95	225	34208	19.07	ng/ul	98
32) Caprolactam	11.53	113	20424	18.30	ng/ul#	81
33) 4-Chloro-3-methylphenol	11.90	107	66610	19.70	ng/ul	98
34) 2-Methylnaphthalene	12.28	142	144085	19.70	ng/ul	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	12.50	142	139299	19.65	ng/ul	98
37) 1,2,4,5-Tetrachlorobenzene	12.65	216	72555	19.03	ng/ul	97
38) Hexachlorocyclopentadiene	12.63	237	41007	18.09	ng/ul	98
39) 2,4,6-Trichlorophenol	12.89	196	48097	19.11	ng/ul	99
40) 2,4,5-Trichlorophenol	12.96	196	53524	19.34	ng/ul	99
41) 1,1'-Biphenyl	13.29	154	194156	19.41	ng/ul	99
42) 2-Chloronaphthalene	13.33	162	145135	19.26	ng/ul	97
43) 2-Nitroaniline	13.55	65	42385	19.53	ng/ul	92
45) Dimethylphthalate	13.92	163	191595	19.35	ng/ul	99
46) 2,6-Dinitrotoluene	14.04	165	37430	19.43	ng/ul	94
48) Acenaphthylene	14.19	152	242873	19.62	ng/ul	100
49) 3-Nitroaniline	14.37	138	39490	20.05	ng/ul	93
50) Acenaphthene	14.53	153	160997	19.42	ng/ul	99
51) 2,4-Dinitrophenol	14.57	184	20803	16.27	ng/ul	92
53) 4-Nitrophenol	14.67	109	30077	19.10	ng/ul	93
54) Dibenzofuran	14.86	168	233357	19.39	ng/ul	96
55) 2,4-Dinitrotoluene	14.83	165	57498	19.84	ng/ul	92
56) 2,3,4,6-Tetrachlorophenol	15.09	232	48313	19.65	ng/ul	95
57) Diethylphthalate	15.28	149	194163	19.37	ng/ul	99
59) Fluorene	15.51	166	190287	19.85	ng/ul	100
60) 4-Chlorophenyl-phenylether	15.50	204	91543	19.62	ng/ul	93
61) 4-Nitroaniline	15.53	138	42949	18.60	ng/ul	98
64) 4,6-Dinitro-2-methylphenol	15.59	198	35462	18.53	ng/ul#	98
65) N-Nitrosodiphenylamine	15.72	169	167306	19.36	ng/ul	98
66) 4-Bromophenyl-phenylether	16.40	248	56662	19.07	ng/ul	94
67) Hexachlorobenzene	16.52	284	64843	19.17	ng/ul	92
68) Atrazine	16.67	200	61609	19.44	ng/ul	98
69) Pentachlorophenol	16.86	266	37874	18.00	ng/ul	99
70) Phenanthrene	17.25	178	316740	19.28	ng/ul	99
72) Anthracene	17.34	178	320457	19.45	ng/ul	100
73) 1,2,3,4-Tetrachlorobenzene	13.26	216	72844	18.81	ng/uL	99
74) Pentachlorobenzene	14.78	250	73774	19.07	ng/uL	99
75) Carbazole	17.61	167	292794	19.92	ng/ul	99
76) Di-n-butylphthalate	18.17	149	333384	19.10	ng/ul	100
77) Fluoranthene	19.26	202	377774	20.69	ng/ul	99
80) Pyrene	19.63	202	397610	18.92	ng/ul	99
81) Butylbenzylphthalate	20.53	149	163434	18.34	ng/ul	96
82) 3,3'-Dichlorobenzidine	21.32	252	146544	20.48	ng/ul	99
83) Benzo(a)anthracene	21.38	228	400027	19.00	ng/ul	100
84) Bis(2-ethylhexyl)phthalate	21.30	149	236129	18.54	ng/ul	99
85) Chrysene	21.43	228	378856	18.97	ng/ul	99
87) Di-n-octyl phthalate	22.20	149	436897	18.97	ng/ul	97
88) Benzo(b)fluoranthene	23.00	252	421526	18.91	ng/ul	99
89) Benzo(k)fluoranthene	23.04	252	406385	19.00	ng/ul	99
91) Benzo(a)pyrene	23.59	252	411677	19.04	ng/ul	100
92) Indeno(1,2,3-cd)pyrene	26.01	276	494536	19.18	ng/ul	96
93) Dibenzo(a,h)anthracene	26.03	278	411899	19.22	ng/ul	98
94) Benzo(g,h,i)perylene	26.73	276	416478	18.80	ng/ul	97

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

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