Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM021216\
Data File : BM004244.D
Acq On : 13 Feb 2016 00:50
Operator : SJ/IZ
Sample : SSTDCCC020
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTD02063

Quant Time: Feb 13 02:13:03 2016
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-BM021216.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Feb 12 22:29:16 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.65	152	27853	20.00	ng/ul	0.00
18) Naphthalene-d8	10.43	136	119606	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.30	164	65976	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.06	188	136701	20.00	ng/ul	0.00
78) Chrysene-d12	21.27	240	143135	20.00	ng/ul	0.00
86) Perylene-d12	23.49	264	143063	20.00	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.11	96	4887	8.84	ng/uL	0.00
5) Phenol-d5	6.82	99	44569	19.92	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.98	67	23666	19.59	ng/ul	0.00
9) 2-Chlorophenol-d4	7.18	132	40058	20.19	ng/ul	0.00
13) 4-Methylphenol-d8	8.36	113	37953	19.92	ng/ul	0.00
19) Nitrobenzene-d5	8.80	128	18767	20.41	ng/ul	0.00
22) 2-Nitrophenol-d4	9.52	143	21052	20.48	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.06	165	37283	20.11	ng/ul	0.00
29) 4-Chloroaniline-d4	10.57	131	48679	22.06	ng/ul	0.00
44) Dimethylphthalate-d6	13.72	166	110258	20.08	ng/ul	0.00
47) Acenaphthylene-d8	14.00	160	137874	20.67	ng/ul	0.00
52) 4-Nitrophenol-d4	14.53	143	17463	19.66	ng/ul	0.00
58) Fluorene-d10	15.30	176	93977	20.31	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.44	200	15737	18.90	ng/ul	0.00
71) Anthracene-d10	17.16	188	137598	20.59	ng/ul	0.00
79) Pyrene-d10	19.46	212	145685	19.18	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.35	264	156102	20.45	ng/ul	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.15	88	5320	8.22	ng/uL	94
4) Benzaldehyde	6.79	77	29247	22.68	ng/ul	97
6) Phenol	6.85	94	47687	20.01	ng/ul	99
8) Bis(2-Chloroethyl)ether	7.07	93	36536	20.09	ng/ul	98
10) 2-Chlorophenol	7.21	128	41348	20.05	ng/ul	98
11) 2-Methylphenol	8.09	108	37274	19.85	ng/ul	98
12) 2,2'-oxybis(1-Chloropropan	8.18	45	35689	20.12	ng/ul	98
14) Acetophenone	8.46	105	61237	20.16	ng/ul	100
15) N-Nitroso-di-n-propylamine	8.45	70	28204	19.26	ng/ul	98
16) 4-Methylphenol	8.42	108	40931	19.94	ng/ul	98
17) Hexachloroethane	8.71	117	16833	20.49	ng/ul	99
20) Nitrobenzene	8.85	77	41737	19.94	ng/ul	95
21) Isophorone	9.36	82	78668	19.63	ng/ul	99
23) 2-Nitrophenol	9.56	139	23690	20.51	ng/ul	94
24) 2,4-Dimethylphenol	9.62	107	46176	19.92	ng/ul	100
25) Bis(2-Chloroethoxy)methane	9.85	93	49386	19.98	ng/ul	99
27) 2,4-Dichlorophenol	10.09	162	39572	20.52	ng/ul	99
28) Naphthalene	10.48	128	135243	20.33	ng/ul	100
30) 4-Chloroaniline	10.60	127	51848	22.14	ng/ul	98
31) Hexachlorobutadiene	10.76	225	27018	20.81	ng/ul	98
32) Caprolactam	11.35	113	10180	18.27	ng/ul	95
33) 4-Chloro-3-methylphenol	11.74	107	41745	19.52	ng/ul	99
34) 2-Methylnaphthalene	12.10	142	96007	20.00	ng/ul	99

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35) 1-Methylnaphthalene	12.33	142	89992	19.84	ng/ul	100
37) 1,2,4,5-Tetrachlorobenzene	12.48	216	48515	21.00	ng/ul	99
38) Hexachlorocyclopentadiene	12.46	237	18549	16.99	ng/ul	99
39) 2,4,6-Trichlorophenol	12.73	196	29452	20.17	ng/ul	100
40) 2,4,5-Trichlorophenol	12.80	196	32138	20.43	ng/ul	99
41) 1,1'-Biphenyl	13.13	154	122068	20.70	ng/ul	99
42) 2-Chloronaphthalene	13.17	162	92882	20.71	ng/ul	100
43) 2-Nitroaniline	13.39	65	21830	19.96	ng/ul	99
45) Dimethylphthalate	13.76	163	114036	19.88	ng/ul	99
46) 2,6-Dinitrotoluene	13.89	165	22799	20.15	ng/ul	99
48) Acenaphthylene	14.02	152	149307	20.50	ng/ul	99
49) 3-Nitroaniline	14.22	138	22866	21.31	ng/ul	99
50) Acenaphthene	14.37	153	101210	20.51	ng/ul	98
51) 2,4-Dinitrophenol	14.44	184	9197	16.83	ng/ul	95
53) 4-Nitrophenol	14.54	109	13825	19.46	ng/ul	97
54) Dibenzofuran	14.70	168	140325	20.57	ng/ul	99
55) 2,4-Dinitrotoluene	14.69	165	32778	20.15	ng/ul	99
56) 2,3,4,6-Tetrachlorophenol	14.94	232	25567	20.09	ng/ul	98
57) Diethylphthalate	15.13	149	115620	20.07	ng/ul	100
59) Fluorene	15.36	166	112187	20.41	ng/ul	99
60) 4-Chlorophenyl-phenylether	15.35	204	56022	20.54	ng/ul	97
61) 4-Nitroaniline	15.39	138	24567	20.54	ng/ul	94
64) 4,6-Dinitro-2-methylphenol	15.46	198	17435	19.23	ng/ul	99
65) N-Nitrosodiphenylamine	15.57	169	94147	20.41	ng/ul	100
66) 4-Bromophenyl-phenylether	16.25	248	32420	20.48	ng/ul	95
67) Hexachlorobenzene	16.37	284	36437	20.47	ng/ul	96
68) Atrazine	16.53	200	32482	20.41	ng/ul	98
69) Pentachlorophenol	16.72	266	15169	18.41	ng/ul	99
70) Phenanthrene	17.10	178	171510	20.74	ng/ul	100
72) Anthracene	17.19	178	173706	20.70	ng/ul	100
73) 1,2,3,4-Tetrachlorobenzene	13.10	216	44783	21.07	ng/uL	98
74) Pentachlorobenzene	14.63	250	43167	20.67	ng/uL	99
75) Carbazole	17.47	167	150220	21.29	ng/ul	99
76) Di-n-butylphthalate	18.03	149	188026	20.58	ng/ul	100
77) Fluoranthene	19.13	202	187083	21.61	ng/ul	100
80) Pyrene	19.49	202	196176	18.95	ng/ul	100
81) Butylbenzylphthalate	20.40	149	82285	19.86	ng/ul	98
82) 3,3'-Dichlorobenzidine	21.19	252	63600	22.03	ng/ul	98
83) Benzo(a)anthracene	21.25	228	190388	20.66	ng/ul	99
84) Bis(2-ethylhexyl)phthalate	21.18	149	123948	20.44	ng/ul#	97
85) Chrysene	21.30	228	180012	20.69	ng/ul	99
87) Di-n-octyl phthalate	22.05	149	217550	19.93	ng/ul	98
88) Benzo(b)fluoranthene	22.83	252	186338	19.69	ng/ul	99
89) Benzo(k)fluoranthene	22.87	252	186204	20.60	ng/ul	99
91) Benzo(a)pyrene	23.40	252	184198	20.47	ng/ul	99
92) Indeno(1,2,3-cd)pyrene	25.74	276	215515	21.14	ng/ul	98
93) Dibenzo(a,h)anthracene	25.74	278	178916	20.90	ng/ul	99
94) Benzo(g,h,i)perylene	26.43	276	180658	20.98	ng/ul	98

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

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