Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\Data\BM071515\
Data File : BM001941.D
Acq On : 15 Jul 2015 12:54
Operator : TP/UM
Sample : SSTDCCC020EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTD02053

Quant Time: Jul 15 14:17:35 2015
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM071315.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jul 15 07:11:15 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.65	152	61592	20.00	ng/ul	0.00
18) Naphthalene-d8	10.44	136	265868	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.31	164	176392	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.06	188	431820	20.00	ng/ul	0.00
77) Chrysene-d12	21.26	240	540419	20.00	ng/ul	0.00
85) Perylene-d12	23.48	264	522551	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.13	96	9330	7.41	ng/uL	0.00
5) Phenol-d5	6.82	99	94368	18.76	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.99	67	52321	19.09	ng/ul	0.00
9) 2-Chlorophenol-d4	7.18	132	76298	19.11	ng/ul	0.00
13) 4-Methylphenol-d8	8.36	113	79492	19.25	ng/ul	0.00
19) Nitrobenzene-d5	8.82	128	37671	18.97	ng/ul	0.00
22) 2-Nitrophenol-d4	9.53	143	43031	19.55	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.06	165	88703	19.94	ng/ul	0.00
29) 4-Chloroaniline-d4	10.59	131	99694	21.78	ng/ul	0.00
43) Dimethylphthalate-d6	13.72	166	281484	19.79	ng/ul	0.00
46) Acenaphthylene-d8	14.00	160	334313	19.54	ng/ul	0.00
51) 4-Nitrophenol-d4	14.52	143	49123	20.39	ng/ul	0.00
57) Fluorene-d10	15.30	176	241055	19.83	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.43	200	51491	18.41	ng/ul	0.00
70) Anthracene-d10	17.16	188	389768	19.23	ng/ul	0.00
78) Pyrene-d10	19.46	212	447775	18.14	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.34	264	506852	19.18	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.16	88	10023	7.54	ng/uL	96
4) Benzaldehyde	6.80	77	40749	16.77	ng/ul	98
6) Phenol	6.85	94	98343	18.94	ng/ul	98
8) Bis(2-Chloroethyl)ether	7.08	93	74119	19.37	ng/ul	99
10) 2-Chlorophenol	7.22	128	77545	19.13	ng/ul	97
11) 2-Methylphenol	8.09	108	75986	19.22	ng/ul	94
12) 2,2'-oxybis(1-Chloropropan	8.19	45	86511	19.36	ng/ul	99
14) Acetophenone	8.47	105	129550	19.86	ng/ul	99
15) N-Nitroso-di-n-propylamine	8.46	70	63972	19.10	ng/ul	96
16) 4-Methylphenol	8.42	108	84107	19.43	ng/ul	96
17) Hexachloroethane	8.72	117	30586	18.90	ng/ul	92
20) Nitrobenzene	8.86	77	93956	19.21	ng/ul	99
21) Isophorone	9.37	82	173497	18.99	ng/ul	96
23) 2-Nitrophenol	9.56	139	47021	19.61	ng/ul	96
24) 2,4-Dimethylphenol	9.62	107	99853	19.60	ng/ul	98
25) Bis(2-Chloroethoxy)methane	9.86	93	104780	19.11	ng/ul	98
27) 2,4-Dichlorophenol	10.09	162	84936	19.56	ng/ul	98
28) Naphthalene	10.49	128	257859	19.21	ng/ul	99
30) 4-Chloroaniline	10.61	127	101885	21.54	ng/ul	95
31) Hexachlorobutadiene	10.77	225	61619	19.79	ng/ul	98
32) Caprolactam	11.37	113	42064	20.50	ng/ul	96
33) 4-Chloro-3-methylphenol	11.74	107	94159	19.76	ng/ul	99
34) 2-Methylnaphthalene	12.11	142	199366	19.95	ng/ul	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.49	216	121178	19.24	ng/ul	99
37) Hexachlorocyclopentadiene	12.46	237	63836	17.63	ng/ul	99
38) 2,4,6-Trichlorophenol	12.73	196	76675	19.45	ng/ul	98
39) 2,4,5-Trichlorophenol	12.80	196	84469	19.67	ng/ul	98
40) 1,1'-Biphenyl	13.14	154	271006	19.14	ng/ul	99
41) 2-Chloronaphthalene	13.18	162	214673	19.47	ng/ul	98
42) 2-Nitroaniline	13.39	65	61376	19.75	ng/ul	97
44) Dimethylphthalate	13.77	163	284839	19.68	ng/ul	99
45) 2,6-Dinitrotoluene	13.90	165	58781	19.73	ng/ul	96
47) Acenaphthylene	14.03	152	339209	19.43	ng/ul	99
48) 3-Nitroaniline	14.22	138	52161	19.81	ng/ul	97
49) Acenaphthene	14.37	153	226597	19.36	ng/ul	99
50) 2,4-Dinitrophenol	14.43	184	32116	17.87	ng/ul	95
52) 4-Nitrophenol	14.53	109	46517	20.95	ng/ul	93
53) Dibenzofuran	14.71	168	326153	19.39	ng/ul	98
54) 2,4-Dinitrotoluene	14.69	165	89342	20.66	ng/ul	96
55) 2,3,4,6-Tetrachlorophenol	14.94	232	77552	20.43	ng/ul#	98
56) Diethylphthalate	15.14	149	285134	19.88	ng/ul	100
58) Fluorene	15.36	166	277139	19.65	ng/ul	99
59) 4-Chlorophenyl-phenylether	15.36	204	151508	19.83	ng/ul	99
60) 4-Nitroaniline	15.39	138	54720	19.74	ng/ul	98
63) 4,6-Dinitro-2-methylphenol	15.45	198	55453	18.69	ng/ul	99
64) N-Nitrosodiphenylamine	15.57	169	244481	18.95	ng/ul	98
65) 4-Bromophenyl-phenylether	16.25	248	94381	19.12	ng/ul	97
66) Hexachlorobenzene	16.36	284	105797	19.35	ng/ul	97
67) Atrazine	16.53	200	100069	19.66	ng/ul	98
68) Pentachlorophenol	16.71	266	62919	18.67	ng/ul	99
69) Phenanthrene	17.10	178	443522	18.96	ng/ul	99
71) Anthracene	17.19	178	466178	19.32	ng/ul	100
72) 1,2,3,4-Tetrachlorobenzene	13.10	216	122692	18.55	ng/uL	97
73) Pentachlorobenzene	14.63	250	121367	18.84	ng/uL	96
74) Carbazole	17.46	167	406865	19.57	ng/ul	99
75) Di-n-butylphthalate	18.03	149	477772	19.04	ng/ul	100
76) Fluoranthene	19.12	202	556832	20.36	ng/ul	99
79) Pyrene	19.49	202	584538	18.08	ng/ul	100
80) Butylbenzylphthalate	20.39	149	221141	17.99	ng/ul	99
81) 3,3'-Dichlorobenzidine	21.18	252	184412	18.40	ng/ul	99
82) Benzo(a)anthracene	21.24	228	617817	19.21	ng/ul	100
83) Bis(2-ethylhexyl)phthalate	21.17	149	324720	18.02	ng/ul	99
84) Chrysene	21.29	228	576447	19.13	ng/ul	100
86) Di-n-octyl phthalate	22.04	149	561941	17.27	ng/ul	100
87) Benzo(b)fluoranthene	22.81	252	600504	18.75	ng/ul	99
88) Benzo(k)fluoranthene	22.86	252	590998	19.19	ng/ul	99
90) Benzo(a)pyrene	23.39	252	580056	19.28	ng/ul	99
91) Indeno(1,2,3-cd)pyrene	25.73	276	636777	20.16	ng/ul	99
92) Dibenzo(a,h)anthracene	25.74	278	536649	20.09	ng/ul	99
93) Benzo(g,h,i)perylene	26.41	276	521004	20.07	ng/ul	98

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

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