Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM110817\
Data File : BM012840.D
Acq On : 09 Nov 2017 02:29
Operator : SJ/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTD02007

Quant Time: Nov 09 04:01:48 2017
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM110417MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Nov 09 03:48:55 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.80	152	135159	20.00	ng/ul	0.00
18) Naphthalene-d8	10.59	136	538742	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.44	164	318387	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.19	188	640386	20.00	ng/ul	0.00
77) Chrysene-d12	21.37	240	586663	20.00	ng/ul	0.00
85) Perylene-d12	23.65	264	676570	20.00	ng/ul	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.29	96	19102	7.64	ng/uL	0.00
5) Phenol-d5	6.98	99	197661	19.66	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.13	67	107309	19.69	ng/ul	0.00
9) 2-Chlorophenol-d4	7.34	132	168305	20.09	ng/ul	0.00
13) 4-Methylphenol-d8	8.52	113	171703	19.78	ng/ul	0.00
19) Nitrobenzene-d5	8.96	128	80042	20.11	ng/ul	0.00
22) 2-Nitrophenol-d4	9.68	143	91062	19.99	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.22	165	187314	20.06	ng/ul	0.00
29) 4-Chloroaniline-d4	10.73	131	210892	23.41	ng/ul	0.00
43) Dimethylphthalate-d6	13.85	166	508864	19.31	ng/ul	0.00
46) Acenaphthylene-d8	14.13	160	645376	19.80	ng/ul	0.00
51) 4-Nitrophenol-d4	14.66	143	68838	16.31	ng/ul	0.01
57) Fluorene-d10	15.43	176	426245	18.89	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.57	200	51117	12.09	ng/ul	0.01
70) Anthracene-d10	17.29	188	603454	19.50	ng/ul	0.00
78) Pyrene-d10	19.58	212	558173	20.50	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.50	264	618693	19.34	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.33	88	20718	7.377	ng/uL	99
4) Benzaldehyde	6.95	77	123166	23.027	ng/ul	99
6) Phenol	7.00	94	201984	19.565	ng/ul	98
8) Bis(2-Chloroethyl)ether	7.23	93	154794	20.004	ng/ul	98
10) 2-Chlorophenol	7.37	128	171324	19.852	ng/ul	100
11) 2-Methylphenol	8.25	108	155233	19.761	ng/ul	99
12) 2,2'-oxybis(1-Chloropropan	8.33	45	136248	21.311	ng/ul	96
14) Acetophenone	8.62	105	256403	19.630	ng/ul	100
15) N-Nitroso-di-n-propylamine	8.61	70	125373	19.966	ng/ul	99
16) 4-Methylphenol	8.58	108	169882	19.925	ng/ul	97
17) Hexachloroethane	8.87	117	67001	19.288	ng/ul#	81
20) Nitrobenzene	9.00	77	178656	19.069	ng/ul	97
21) Isophorone	9.53	82	338563	20.068	ng/ul	99
23) 2-Nitrophenol	9.71	139	97160	19.812	ng/ul	97
24) 2,4-Dimethylphenol	9.77	107	194128	19.463	ng/ul	99
25) Bis(2-Chloroethoxy)methane	10.00	93	209942	19.962	ng/ul	98
27) 2,4-Dichlorophenol	10.25	162	178770	19.645	ng/ul	98
28) Naphthalene	10.64	128	526774	19.558	ng/ul	99
30) 4-Chloroaniline	10.75	127	210639	23.251	ng/ul	97
31) Hexachlorobutadiene	10.92	225	136860	19.123	ng/ul	97
32) Caprolactam	11.53	113	49752	19.440	ng/ul	95
33) 4-Chloro-3-methylphenol	11.89	107	174580	19.730	ng/ul	98
34) 2-Methylnaphthalene	12.25	142	400231	19.443	ng/ul	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.63	216	245187	19.892	ng/ul#	97
37) Hexachlorocyclopentadiene	12.60	237	77778	12.390	ng/ul	99
38) 2,4,6-Trichlorophenol	12.87	196	156021	20.031	ng/ul	100
39) 2,4,5-Trichlorophenol	12.95	196	159407	19.616	ng/ul	96
40) 1,1'-Biphenyl	13.27	154	522409	19.837	ng/ul	98
41) 2-Chloronaphthalene	13.31	162	413480	19.873	ng/ul	94
42) 2-Nitroaniline	13.52	65	96831	19.697	ng/ul	96
44) Dimethylphthalate	13.90	163	503407	19.254	ng/ul	100
45) 2,6-Dinitrotoluene	14.02	165	102066	19.503	ng/ul	95
47) Acenaphthylene	14.16	152	622205	19.696	ng/ul	100
48) 3-Nitroaniline	14.35	138	97362	22.063	ng/ul	97
49) Acenaphthene	14.50	153	421446	19.585	ng/ul	96
50) 2,4-Dinitrophenol	14.57	184	36232	11.084	ng/ul#	85
52) 4-Nitrophenol	14.67	109	54614	14.661	ng/ul	94
53) Dibenzofuran	14.84	168	603555	19.230	ng/ul	91
54) 2,4-Dinitrotoluene	14.82	165	139900	18.177	ng/ul	100
55) 2,3,4,6-Tetrachlorophenol	15.07	232	134810	17.871	ng/ul#	83
56) Diethylphthalate	15.26	149	473699	18.654	ng/ul	97
58) Fluorene	15.49	166	486047	18.643	ng/ul	100
59) 4-Chlorophenyl-phenylether	15.48	204	270794	18.693	ng/ul#	85
60) 4-Nitroaniline	15.52	138	99985	19.465	ng/ul	99
63) 4,6-Dinitro-2-methylphenol	15.59	198	54760	12.302	ng/ul	92
64) N-Nitrosodiphenylamine	15.70	169	417075	21.571	ng/ul	98
65) 4-Bromophenyl-phenylether	16.37	248	175794	21.129	ng/ul#	85
66) Hexachlorobenzene	16.50	284	190522	20.281	ng/ul#	83
67) Atrazine	16.65	200	155213	20.108	ng/ul	94
68) Pentachlorophenol	16.84	266	82976	15.459	ng/ul	99
69) Phenanthrene	17.23	178	687388	19.638	ng/ul	99
71) Anthracene	17.32	178	714886	19.698	ng/ul	100
72) 1,2,3,4-Tetrachlorobenzene	13.24	216	237574	22.696	ng/uL	100
73) Pentachlorobenzene	14.76	250	233328	21.783	ng/uL	99
74) Carbazole	17.59	167	568200	18.772	ng/ul	98
75) Di-n-butylphthalate	18.15	149	722269	20.365	ng/ul	99
76) Fluoranthene	19.24	202	724175	17.217	ng/ul#	94
79) Pyrene	19.61	202	725665	20.732	ng/ul#	93
80) Butylbenzylphthalate	20.50	149	264901	20.753	ng/ul	96
81) 3,3'-Dichlorobenzidine	21.29	252	246223	18.976	ng/ul#	97
82) Benzo(a)anthracene	21.35	228	698158	19.666	ng/ul	100
83) Bis(2-ethylhexyl)phthalate	21.27	149	375276	20.181	ng/ul#	95
84) Chrysene	21.40	228	634513	19.722	ng/ul	99
86) Di-n-octyl phthalate	22.16	149	628837	17.669	ng/ul	100
87) Benzo(b)fluoranthene	22.96	252	785397	18.996	ng/ul#	95
88) Benzo(k)fluoranthene	23.01	252	729983	18.575	ng/ul#	97
90) Benzo(a)pyrene	23.55	252	755441	19.202	ng/ul#	96
91) Indeno(1,2,3-cd)pyrene	25.97	276	967657	20.408	ng/ul#	89
92) Dibenzo(a,h)anthracene	25.97	278	821882	20.476	ng/ul#	94
93) Benzo(g,h,i)perylene	26.67	276	808059	20.682	ng/ul#	89

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

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