Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM111116\
Data File : BM007844.D
Acq On : 12 Nov 2016 02:02
Operator : UM/SJ
Sample : SSTDCCC020EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTD02056

Quant Time: Nov 12 03:18:45 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM102016.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Nov 12 03:12:55 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.74	152	178948	20.00	ng/ul	0.00
18) Naphthalene-d8	10.52	136	680704	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.37	164	447801	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.12	188	909564	20.00	ng/ul	0.00
75) Chrysene-d12	21.31	240	1175471	20.00	ng/ul	0.00
83) Perylene-d12	23.56	264	1206883	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.28	96	33454	8.01	ng/uL	0.00
5) Phenol-d5	6.92	99	281577	20.39	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.08	67	163970	20.01	ng/ul	0.00
9) 2-Chlorophenol-d4	7.27	132	224521	21.20	ng/ul	0.00
13) 4-Methylphenol-d8	8.45	113	218636	20.23	ng/ul	0.00
19) Nitrobenzene-d5	8.89	128	105570	21.55	ng/ul	0.00
22) 2-Nitrophenol-d4	9.61	143	117839	22.69	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.15	165	221877	21.73	ng/ul	0.00
29) 4-Chloroaniline-d4	10.66	131	267685	22.98	ng/ul	0.00
43) Dimethylphthalate-d6	13.79	166	633793	20.79	ng/ul	0.00
46) Acenaphthylene-d8	14.06	160	773575	21.08	ng/ul	0.00
51) 4-Nitrophenol-d4	14.59	143	100305	20.81	ng/ul	0.00
57) Fluorene-d10	15.37	176	560665	20.98	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.50	200	98525	18.23	ng/ul	0.00
70) Anthracene-d10	17.22	188	868212	21.18	ng/ul	0.00
76) Pyrene-d10	19.52	212	1007818	20.87	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.41	264	1104720	20.97	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.32	88	35097	7.68	ng/uL	96
4) Benzaldehyde	6.89	77	199877	22.88	ng/ul	98
6) Phenol	6.94	94	286055	20.18	ng/ul	99
8) Bis(2-Chloroethyl)ether	7.17	93	216470	19.82	ng/ul	98
10) 2-Chlorophenol	7.30	128	226410	20.84	ng/ul	97
11) 2-Methylphenol	8.18	108	210239	20.37	ng/ul	97
12) 2,2'-oxybis(1-Chloropropan	8.27	45	242348	20.01	ng/ul	97
14) Acetophenone	8.56	105	341517	20.15	ng/ul	99
15) N-Nitroso-di-n-propylamine	8.54	70	176121	20.94	ng/ul	94
16) 4-Methylphenol	8.50	108	225872	20.31	ng/ul	96
17) Hexachloroethane	8.80	117	98454	20.50	ng/ul	95
20) Nitrobenzene	8.93	77	266179	21.12	ng/ul	99
21) Isophorone	9.46	82	467182	21.68	ng/ul	98
23) 2-Nitrophenol	9.64	139	117444	21.64	ng/ul	92
24) 2,4-Dimethylphenol	9.70	107	263911	21.32	ng/ul	100
25) Bis(2-Chloroethoxy)methane	9.93	93	275298	20.88	ng/ul	98
27) 2,4-Dichlorophenol	10.17	162	218328	21.71	ng/ul	97
28) Naphthalene	10.56	128	688994	20.81	ng/ul	99
30) 4-Chloroaniline	10.69	127	269943	22.83	ng/ul	98
31) Hexachlorobutadiene	10.85	225	172417	21.04	ng/ul	95
32) Caprolactam	11.47	113	59443	21.32	ng/ul	97
33) 4-Chloro-3-methylphenol	11.81	107	233025	22.10	ng/ul	92
34) 2-Methylnaphthalene	12.18	142	495715	21.05	ng/ul	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.55	216	296036	20.48	ng/ul	99
37) Hexachlorocyclopentadiene	12.53	237	156944	18.44	ng/ul	97
38) 2,4,6-Trichlorophenol	12.80	196	175048	21.77	ng/ul	99
39) 2,4,5-Trichlorophenol	12.87	196	188761	21.44	ng/ul	97
40) 1,1'-Biphenyl	13.20	154	649942	20.58	ng/ul	100
41) 2-Chloronaphthalene	13.24	162	495555	20.51	ng/ul	98
42) 2-Nitroaniline	13.46	65	143691	22.42	ng/ul	98
44) Dimethylphthalate	13.83	163	615376	20.78	ng/ul	99
45) 2,6-Dinitrotoluene	13.96	165	118683	21.31	ng/ul	93
47) Acenaphthylene	14.09	152	784398	21.08	ng/ul	99
48) 3-Nitroaniline	14.29	138	125262	22.74	ng/ul	93
49) Acenaphthene	14.43	153	528502	20.58	ng/ul	100
50) 2,4-Dinitrophenol	14.51	184	58593	17.08	ng/ul#	87
52) 4-Nitrophenol	14.60	109	94630	19.79	ng/ul	98
53) Dibenzofuran	14.77	168	764275	20.73	ng/ul	99
54) 2,4-Dinitrotoluene	14.76	165	179545	22.34	ng/ul	90
55) 2,3,4,6-Tetrachlorophenol	15.00	232	173997	22.16	ng/ul	99
56) Diethylphthalate	15.20	149	613475	20.93	ng/ul	99
58) Fluorene	15.42	166	617465	20.98	ng/ul	98
59) 4-Chlorophenyl-phenylether	15.42	204	330090	21.04	ng/ul	95
60) 4-Nitroaniline	15.46	138	120005	21.61	ng/ul	99
63) 4,6-Dinitro-2-methylphenol	15.52	198	102367	18.34	ng/ul	99
64) N-Nitrosodiphenylamine	15.63	169	538303	20.71	ng/ul	100
65) 4-Bromophenyl-phenylether	16.31	248	213379	20.57	ng/ul	97
66) Hexachlorobenzene	16.43	284	235256	20.47	ng/ul	98
67) Atrazine	16.59	200	202265	20.19	ng/ul	97
68) Pentachlorophenol	16.77	266	128975	20.03	ng/ul	98
69) Phenanthrene	17.16	178	995576	20.59	ng/ul	99
71) Anthracene	17.25	178	1016660	20.64	ng/ul	99
72) Carbazole	17.53	167	892612	20.94	ng/ul	100
73) Di-n-butylphthalate	18.09	149	1030687	21.71	ng/ul	99
74) Fluoranthene	19.18	202	1205994	21.33	ng/ul	100
77) Pyrene	19.54	202	1247482	20.54	ng/ul	99
78) Butylbenzylphthalate	20.44	149	482411	22.33	ng/ul	99
79) 3,3'-Dichlorobenzidine	21.23	252	458770	21.98	ng/ul	99
80) Benzo(a)anthracene	21.29	228	1322461	21.05	ng/ul	99
81) Bis(2-ethylhexyl)phthalate	21.21	149	711833	22.37	ng/ul	99
82) Chrysene	21.34	228	1246206	20.64	ng/ul	99
84) Di-n-octyl phthalate	22.10	149	1262175	20.63	ng/ul	98
85) Benzo(b)fluoranthene	22.88	252	1388265	20.13	ng/ul	100
86) Benzo(k)fluoranthene	22.93	252	1343021	21.17	ng/ul	100
88) Benzo(a)pyrene	23.46	252	1345515	20.72	ng/ul	99
89) Indeno(1,2,3-cd)pyrene	25.83	276	1615802	20.77	ng/ul	100
90) Dibenzo(a,h)anthracene	25.83	278	1359487	20.71	ng/ul	99
91) Benzo(g,h,i)perylene	26.52	276	1349845	20.66	ng/ul	99

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

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