Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM111116\
Data File : BM007815.D
Acq On : 11 Nov 2016 08:45
Operator : UM/SJ
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTD02054

Quant Time: Nov 11 11:39:37 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM102016.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Nov 09 23:34:58 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.74	152	173724	20.00	ng/ul	0.00
18) Naphthalene-d8	10.52	136	673049	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.37	164	451934	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.12	188	917379	20.00	ng/ul	0.00
75) Chrysene-d12	21.31	240	1196486	20.00	ng/ul	0.00
83) Perylene-d12	23.56	264	1197290	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.29	96	32045	7.90	ng/uL	0.00
5) Phenol-d5	6.92	99	276397	20.61	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.08	67	162228	20.39	ng/ul	0.00
9) 2-Chlorophenol-d4	7.27	132	218593	21.26	ng/ul	0.00
13) 4-Methylphenol-d8	8.45	113	215147	20.51	ng/ul	0.00
19) Nitrobenzene-d5	8.90	128	103813	21.43	ng/ul	0.00
22) 2-Nitrophenol-d4	9.61	143	113420	22.09	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.15	165	218056	21.60	ng/ul	0.00
29) 4-Chloroaniline-d4	10.66	131	265973	23.10	ng/ul	0.00
43) Dimethylphthalate-d6	13.79	166	640303	20.81	ng/ul	0.00
46) Acenaphthylene-d8	14.06	160	774911	20.92	ng/ul	0.00
51) 4-Nitrophenol-d4	14.59	143	95983	19.73	ng/ul	0.00
57) Fluorene-d10	15.37	176	554951	20.58	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.51	200	103077	18.91	ng/ul	0.00
70) Anthracene-d10	17.22	188	867512	20.98	ng/ul	0.00
76) Pyrene-d10	19.52	212	1011146	20.57	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.42	264	1106221	21.16	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.32	88	33168	7.48	ng/uL	99
4) Benzaldehyde	6.90	77	197755	23.32	ng/ul	99
6) Phenol	6.95	94	286092	20.79	ng/ul	98
8) Bis(2-Chloroethyl)ether	7.17	93	216307	20.40	ng/ul	99
10) 2-Chlorophenol	7.31	128	220959	20.94	ng/ul	99
11) 2-Methylphenol	8.18	108	203828	20.35	ng/ul	97
12) 2,2'-oxybis(1-Chloropropan	8.27	45	244550	20.80	ng/ul	98
14) Acetophenone	8.56	105	346038	21.03	ng/ul	98
15) N-Nitroso-di-n-propylamine	8.55	70	179352	21.97	ng/ul	92
16) 4-Methylphenol	8.51	108	224399	20.79	ng/ul	97
17) Hexachloroethane	8.80	117	97259	20.86	ng/ul	99
20) Nitrobenzene	8.94	77	269785	21.65	ng/ul	97
21) Isophorone	9.46	82	468595	21.99	ng/ul	99
23) 2-Nitrophenol	9.65	139	115814	21.59	ng/ul	94
24) 2,4-Dimethylphenol	9.70	107	266113	21.74	ng/ul	99
25) Bis(2-Chloroethoxy)methane	9.94	93	275874	21.17	ng/ul	99
27) 2,4-Dichlorophenol	10.17	162	217043	21.83	ng/ul	100
28) Naphthalene	10.57	128	680618	20.79	ng/ul	100
30) 4-Chloroaniline	10.69	127	265242	22.69	ng/ul	100
31) Hexachlorobutadiene	10.85	225	172175	21.25	ng/ul	95
32) Caprolactam	11.47	113	59260	21.49	ng/ul	97
33) 4-Chloro-3-methylphenol	11.82	107	233810	22.43	ng/ul	93
34) 2-Methylnaphthalene	12.18	142	489417	21.02	ng/ul	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.56	216	298254	20.44	ng/ul	96
37) Hexachlorocyclopentadiene	12.53	237	129496	15.07	ng/ul	99
38) 2,4,6-Trichlorophenol	12.80	196	175516	21.63	ng/ul	100
39) 2,4,5-Trichlorophenol	12.88	196	186813	21.02	ng/ul	98
40) 1,1'-Biphenyl	13.20	154	645989	20.27	ng/ul	98
41) 2-Chloronaphthalene	13.24	162	501163	20.56	ng/ul	98
42) 2-Nitroaniline	13.46	65	144481	22.34	ng/ul	99
44) Dimethylphthalate	13.83	163	624165	20.89	ng/ul	99
45) 2,6-Dinitrotoluene	13.96	165	121931	21.69	ng/ul	96
47) Acenaphthylene	14.09	152	786112	20.93	ng/ul	100
48) 3-Nitroaniline	14.29	138	126302	22.72	ng/ul	92
49) Acenaphthene	14.44	153	531318	20.50	ng/ul	100
50) 2,4-Dinitrophenol	14.51	184	61406	17.74	ng/ul#	85
52) 4-Nitrophenol	14.61	109	95268	19.74	ng/ul	94
53) Dibenzofuran	14.77	168	774860	20.82	ng/ul	99
54) 2,4-Dinitrotoluene	14.76	165	179484	22.13	ng/ul	92
55) 2,3,4,6-Tetrachlorophenol	15.00	232	172256	21.73	ng/ul	98
56) Diethylphthalate	15.20	149	622622	21.05	ng/ul	99
58) Fluorene	15.43	166	629270	21.18	ng/ul	98
59) 4-Chlorophenyl-phenylether	15.42	204	333570	21.07	ng/ul	98
60) 4-Nitroaniline	15.46	138	118263	21.10	ng/ul	99
63) 4,6-Dinitro-2-methylphenol	15.52	198	107451	19.08	ng/ul	99
64) N-Nitrosodiphenylamine	15.64	169	547623	20.88	ng/ul	100
65) 4-Bromophenyl-phenylether	16.32	248	214786	20.53	ng/ul	97
66) Hexachlorobenzene	16.43	284	238366	20.57	ng/ul	99
67) Atrazine	16.59	200	206056	20.40	ng/ul	98
68) Pentachlorophenol	16.78	266	129371	19.92	ng/ul	99
69) Phenanthrene	17.16	178	1010614	20.73	ng/ul	100
71) Anthracene	17.26	178	1031319	20.76	ng/ul	99
72) Carbazole	17.53	167	902607	21.00	ng/ul	99
73) Di-n-butylphthalate	18.09	149	1035898	21.64	ng/ul	99
74) Fluoranthene	19.18	202	1209216	21.21	ng/ul	98
77) Pyrene	19.55	202	1253371	20.28	ng/ul	99
78) Butylbenzylphthalate	20.44	149	477663	21.72	ng/ul	96
79) 3,3'-Dichlorobenzidine	21.23	252	453575	21.35	ng/ul	98
80) Benzo(a)anthracene	21.30	228	1334242	20.86	ng/ul	99
81) Bis(2-ethylhexyl)phthalate	21.22	149	706829	21.83	ng/ul	100
82) Chrysene	21.35	228	1267815	20.63	ng/ul	99
84) Di-n-octyl phthalate	22.10	149	1249362	20.58	ng/ul	100
85) Benzo(b)fluoranthene	22.89	252	1414207	20.67	ng/ul	99
86) Benzo(k)fluoranthene	22.93	252	1310451	20.82	ng/ul	100
88) Benzo(a)pyrene	23.47	252	1355611	21.04	ng/ul	99
89) Indeno(1,2,3-cd)pyrene	25.83	276	1613661	20.91	ng/ul	99
90) Dibenzo(a,h)anthracene	25.84	278	1362699	20.93	ng/ul	99
91) Benzo(g,h,i)perylene	26.53	276	1337945	20.64	ng/ul	98

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

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