Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\Data\BM111416\
Data File : BM007846.D
Acq On : 14 Nov 2016 09:46
Operator : UM/SJ
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTD02057

Quant Time: Nov 15 02:12:26 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	177764	20.00	ng/ul	0.00
18) Naphthalene-d8	10.52	136	703171	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.37	164	463158	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.12	188	922154	20.00	ng/ul	0.00
75) Chrysene-d12	21.31	240	1060074	20.00	ng/ul	0.00
83) Perylene-d12	23.56	264	1035571	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.28	96	33991	8.19	ng/uL	0.00
5) Phenol-d5	6.92	99	294809	21.49	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.07	67	174986	21.49	ng/ul	0.00
9) 2-Chlorophenol-d4	7.27	132	235111	22.34	ng/ul	0.00
13) 4-Methylphenol-d8	8.45	113	234213	21.82	ng/ul	0.00
19) Nitrobenzene-d5	8.89	128	111829	22.10	ng/ul	0.00
22) 2-Nitrophenol-d4	9.61	143	122113	22.76	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.15	165	236822	22.45	ng/ul	0.00
29) 4-Chloroaniline-d4	10.66	131	283971	23.60	ng/ul	0.00
43) Dimethylphthalate-d6	13.79	166	688169	21.82	ng/ul	0.00
46) Acenaphthylene-d8	14.06	160	834657	21.99	ng/ul	0.00
51) 4-Nitrophenol-d4	14.59	143	96719	19.40	ng/ul	0.00
57) Fluorene-d10	15.37	176	600319	21.72	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.50	200	101141	18.46	ng/ul	0.00
70) Anthracene-d10	17.22	188	900723	21.68	ng/ul	0.00
76) Pyrene-d10	19.52	212	988770	22.70	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.41	264	995468	22.02	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.31	88	37598	8.29	ng/uL	95
4) Benzaldehyde	6.89	77	213891	24.65	ng/ul	96
6) Phenol	6.94	94	306129	21.74	ng/ul	97
8) Bis(2-Chloroethyl)ether	7.17	93	231664	21.35	ng/ul	97
10) 2-Chlorophenol	7.30	128	237549	22.01	ng/ul	97
11) 2-Methylphenol	8.18	108	221126	21.57	ng/ul	99
12) 2,2'-oxybis(1-Chloropropan	8.27	45	259396	21.57	ng/ul	98
14) Acetophenone	8.56	105	368566	21.89	ng/ul	98
15) N-Nitroso-di-n-propylamine	8.54	70	187320	22.42	ng/ul	94
16) 4-Methylphenol	8.50	108	241330	21.85	ng/ul	97
17) Hexachloroethane	8.80	117	99629	20.89	ng/ul	92
20) Nitrobenzene	8.93	77	286942	22.04	ng/ul	97
21) Isophorone	9.46	82	496946	22.32	ng/ul	99
23) 2-Nitrophenol	9.64	139	127117	22.68	ng/ul	96
24) 2,4-Dimethylphenol	9.70	107	285828	22.35	ng/ul	99
25) Bis(2-Chloroethoxy)methane	9.93	93	291245	21.39	ng/ul	98
27) 2,4-Dichlorophenol	10.17	162	231424	22.28	ng/ul	96
28) Naphthalene	10.56	128	733676	21.45	ng/ul	99
30) 4-Chloroaniline	10.69	127	289891	23.74	ng/ul	97
31) Hexachlorobutadiene	10.85	225	178257	21.06	ng/ul	94
32) Caprolactam	11.47	113	63235	21.95	ng/ul	95
33) 4-Chloro-3-methylphenol	11.81	107	251779	23.12	ng/ul	95
34) 2-Methylnaphthalene	12.18	142	529569	21.77	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	323085	21.61 ng/ul	97
37) Hexachlorocyclopentadiene	12.53	237	122125	13.87 ng/ul	98
38) 2,4,6-Trichlorophenol	12.80	196	188307	22.64 ng/ul	97
39) 2,4,5-Trichlorophenol	12.87	196	201356	22.11 ng/ul	98
40) 1,1'-Biphenyl	13.20	154	695447	21.30 ng/ul	97
41) 2-Chloronaphthalene	13.24	162	539158	21.58 ng/ul	98
42) 2-Nitroaniline	13.46	65	155892	23.52 ng/ul	93
44) Dimethylphthalate	13.83	163	672351	21.95 ng/ul	100
45) 2,6-Dinitrotoluene	13.96	165	130664	22.68 ng/ul	90
47) Acenaphthylene	14.09	152	841561	21.87 ng/ul	98
48) 3-Nitroaniline	14.29	138	131355	23.06 ng/ul	92
49) Acenaphthene	14.43	153	571594	21.52 ng/ul	99
50) 2,4-Dinitrophenol	14.51	184	53849	15.18 ng/ul	92
52) 4-Nitrophenol	14.60	109	95820	19.38 ng/ul	96
53) Dibenzofuran	14.77	168	831093	21.79 ng/ul	98
54) 2,4-Dinitrotoluene	14.76	165	193972	23.34 ng/ul	91
55) 2,3,4,6-Tetrachlorophenol	15.00	232	185363	22.82 ng/ul#	97
56) Diethylphthalate	15.20	149	674860	22.26 ng/ul	99
58) Fluorene	15.42	166	669508	21.99 ng/ul	99
59) 4-Chlorophenyl-phenylether	15.42	204	355530	21.91 ng/ul	97
60) 4-Nitroaniline	15.46	138	112197	19.53 ng/ul	94
63) 4,6-Dinitro-2-methylphenol	15.52	198	103045	18.21 ng/ul	99
64) N-Nitrosodiphenylamine	15.63	169	578270	21.94 ng/ul	98
65) 4-Bromophenyl-phenylether	16.31	248	228143	21.69 ng/ul	97
66) Hexachlorobenzene	16.43	284	252611	21.68 ng/ul	98
67) Atrazine	16.59	200	216925	21.36 ng/ul	100
68) Pentachlorophenol	16.77	266	131550	20.15 ng/ul	98
69) Phenanthrene	17.16	178	1044230	21.30 ng/ul	100
71) Anthracene	17.25	178	1074245	21.52 ng/ul	99
72) Carbazole	17.53	167	905682	20.96 ng/ul	99
73) Di-n-butylphthalate	18.09	149	1087710	22.60 ng/ul	99
74) Fluoranthene	19.18	202	1191478	20.79 ng/ul	100
77) Pyrene	19.54	202	1232112	22.50 ng/ul	99
78) Butylbenzylphthalate	20.44	149	465814	23.91 ng/ul	99
79) 3,3'-Dichlorobenzidine	21.23	252	400025	21.25 ng/ul	99
80) Benzo(a)anthracene	21.29	228	1228220	21.68 ng/ul	99
81) Bis(2-ethylhexyl)phthalate	21.22	149	680239	23.71 ng/ul	99
82) Chrysene	21.34	228	1171625	21.52 ng/ul	99
84) Di-n-octyl phthalate	22.10	149	1170126	22.29 ng/ul	99
85) Benzo(b)fluoranthene	22.88	252	1240551	20.97 ng/ul	99
86) Benzo(k)fluoranthene	22.93	252	1225100	22.50 ng/ul	100
88) Benzo(a)pyrene	23.46	252	1210431	21.72 ng/ul	99
89) Indeno(1,2,3-cd)pyrene	25.83	276	1407119	21.08 ng/ul	99
90) Dibenzo(a,h)anthracene	25.83	278	1187894	21.09 ng/ul	99
91) Benzo(g,h,i)perylene	26.52	276	1174373	20.95 ng/ul	97

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

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