Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM081716\
Data File : BM007162.D
Acq On : 17 Aug 2016 03:26
Operator : UM/SJ
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTD02046

Quant Time: Aug 17 03:59:02 2016
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-BM081116.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Aug 17 03:20:37 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.80	152	252331	20.00	ng/ul	0.00
18) Naphthalene-d8	10.59	136	998050	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.43	164	577457	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.18	188	1350794	20.00	ng/ul	0.00
75) Chrysene-d12	21.36	240	1707867	20.00	ng/ul	0.00
83) Perylene-d12	23.63	264	1758293	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.33	96	46814	8.10	ng/uL	0.00
5) Phenol-d5	6.97	99	411627	20.14	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.14	67	236148	20.15	ng/ul	0.00
9) 2-Chlorophenol-d4	7.34	132	328870	20.20	ng/ul	0.00
13) 4-Methylphenol-d8	8.50	113	326890	19.43	ng/ul	0.00
19) Nitrobenzene-d5	8.96	128	153643	21.20	ng/ul	0.00
22) 2-Nitrophenol-d4	9.67	143	173011	22.34	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.21	165	339001	20.90	ng/ul	0.00
29) 4-Chloroaniline-d4	10.73	131	399580	20.70	ng/ul	0.00
43) Dimethylphthalate-d6	13.84	166	955341	20.02	ng/ul	0.00
46) Acenaphthylene-d8	14.13	160	1176319	20.52	ng/ul	0.00
51) 4-Nitrophenol-d4	14.63	143	160247	18.74	ng/ul	0.00
57) Fluorene-d10	15.43	176	829996	19.90	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.55	200	142628	19.11	ng/ul	0.00
70) Anthracene-d10	17.28	188	1281687	20.48	ng/ul	0.00
76) Pyrene-d10	19.57	212	1524373	21.15	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.49	264	1675131	20.83	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.36	88	47577	7.92	ng/uL	96
4) Benzaldehyde	6.95	77	275565	22.43	ng/ul	99
6) Phenol	7.00	94	425477	19.76	ng/ul	95
8) Bis(2-Chloroethyl)ether	7.23	93	322455	20.29	ng/ul	100
10) 2-Chlorophenol	7.37	128	342999	20.60	ng/ul	98
11) 2-Methylphenol	8.25	108	316674	19.56	ng/ul	98
12) 2,2'-oxybis(1-Chloropropan	8.34	45	357836	19.66	ng/ul	98
14) Acetophenone	8.62	105	507252	19.58	ng/ul	100
15) N-Nitroso-di-n-propylamine	8.61	70	259561	19.26	ng/ul	95
16) 4-Methylphenol	8.57	108	344189	19.48	ng/ul	98
17) Hexachloroethane	8.88	117	141429	20.35	ng/ul	97
20) Nitrobenzene	9.00	77	389487	20.88	ng/ul	99
21) Isophorone	9.52	82	696884	19.94	ng/ul	99
23) 2-Nitrophenol	9.71	139	185602	21.91	ng/ul	98
24) 2,4-Dimethylphenol	9.77	107	404760	20.85	ng/ul	98
25) Bis(2-Chloroethoxy)methane	10.00	93	419568	20.00	ng/ul	98
27) 2,4-Dichlorophenol	10.24	162	339015	20.98	ng/ul	99
28) Naphthalene	10.64	128	1011134	20.45	ng/ul	99
30) 4-Chloroaniline	10.75	127	406830	20.55	ng/ul	99
31) Hexachlorobutadiene	10.93	225	247992	20.76	ng/ul	98
32) Caprolactam	11.50	113	97310	17.78	ng/ul	98
33) 4-Chloro-3-methylphenol	11.87	107	354874	20.10	ng/ul	97
34) 2-Methylnaphthalene	12.25	142	766443	20.11	ng/ul	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.62	216	448546	21.96	ng/ul	96
37) Hexachlorocyclopentadiene	12.60	237	234036	18.00	ng/ul	98
38) 2,4,6-Trichlorophenol	12.86	196	283774	21.67	ng/ul	99
39) 2,4,5-Trichlorophenol	12.93	196	292080	21.30	ng/ul	99
40) 1,1'-Biphenyl	13.27	154	973453	21.01	ng/ul	99
41) 2-Chloronaphthalene	13.31	162	760500	20.92	ng/ul	98
42) 2-Nitroaniline	13.52	65	221273	21.21	ng/ul	98
44) Dimethylphthalate	13.89	163	950095	19.92	ng/ul	99
45) 2,6-Dinitrotoluene	14.02	165	195500	21.10	ng/ul	95
47) Acenaphthylene	14.16	152	1215848	20.61	ng/ul	99
48) 3-Nitroaniline	14.34	138	190897	20.82	ng/ul	95
49) Acenaphthene	14.50	153	778705	20.33	ng/ul	99
50) 2,4-Dinitrophenol	14.55	184	90227	16.42	ng/ul	92
52) 4-Nitrophenol	14.64	109	165953	19.09	ng/ul	92
53) Dibenzofuran	14.83	168	1144697	20.13	ng/ul	98
54) 2,4-Dinitrotoluene	14.80	165	281340	20.57	ng/ul	98
55) 2,3,4,6-Tetrachlorophenol	15.06	232	267294	20.16	ng/ul#	95
56) Diethylphthalate	15.26	149	943319	18.75	ng/ul	99
58) Fluorene	15.49	166	910439	19.86	ng/ul	99
59) 4-Chlorophenyl-phenylether	15.48	204	478552	19.77	ng/ul	97
60) 4-Nitroaniline	15.50	138	201182	18.72	ng/ul	97
63) 4,6-Dinitro-2-methylphenol	15.56	198	154135	18.98	ng/ul	98
64) N-Nitrosodiphenylamine	15.69	169	798355	20.88	ng/ul	100
65) 4-Bromophenyl-phenylether	16.37	248	324183	21.19	ng/ul	98
66) Hexachlorobenzene	16.49	284	362226	20.93	ng/ul	98
67) Atrazine	16.64	200	317191	20.59	ng/ul	99
68) Pentachlorophenol	16.83	266	204960	19.25	ng/ul	97
69) Phenanthrene	17.22	178	1485022	20.44	ng/ul	99
71) Anthracene	17.31	178	1513392	20.30	ng/ul	99
72) Carbazole	17.58	167	1335344	20.79	ng/ul	99
73) Di-n-butylphthalate	18.14	149	1591543	20.27	ng/ul	99
74) Fluoranthene	19.23	202	1890123	21.45	ng/ul	99
77) Pyrene	19.60	202	1946789	20.62	ng/ul	99
78) Butylbenzylphthalate	20.50	149	771299	21.01	ng/ul	99
79) 3,3'-Dichlorobenzidine	21.28	252	669435	20.29	ng/ul	97
80) Benzo(a)anthracene	21.34	228	2051812	20.33	ng/ul	100
81) Bis(2-ethylhexyl)phthalate	21.28	149	1105318	20.34	ng/ul	99
82) Chrysene	21.40	228	1837929	19.93	ng/ul	99
84) Di-n-octyl phthalate	22.17	149	1964851	21.66	ng/ul	100
85) Benzo(b)fluoranthene	22.95	252	2190515	20.68	ng/ul	98
86) Benzo(k)fluoranthene	23.00	252	2079970	20.91	ng/ul	100
88) Benzo(a)pyrene	23.54	252	2077348	20.69	ng/ul	99
89) Indeno(1,2,3-cd)pyrene	25.93	276	2503124	20.34	ng/ul	99
90) Dibenzo(a,h)anthracene	25.94	278	2085498	20.19	ng/ul	100
91) Benzo(g,h,i)perylene	26.63	276	2085951	20.05	ng/ul	98

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

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