Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM090716\
Data File : BM007456.D
Acq On : 08 Sep 2016 01:31
Operator : UM/SJ
Sample : SSTDCCC020EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId :

Quant Time: Sep 08 06:41:42 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM082316.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Sep 08 03:10:54 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.79	152	288335	20.00	ng/ul	0.00
18) Naphthalene-d8	10.58	136	1393982	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.43	164	946646	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.17	188	2367160	20.00	ng/ul	0.00
75) Chrysene-d12	21.35	240	2772326	20.00	ng/ul	0.00
83) Perylene-d12	23.62	264	2430251	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.30	96	43182	7.66	ng/uL	0.00
5) Phenol-d5	6.97	99	547457	20.10	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.13	67	285717	19.96	ng/ul	0.00
9) 2-Chlorophenol-d4	7.33	132	410024	20.37	ng/ul	0.00
13) 4-Methylphenol-d8	8.50	113	468825	19.74	ng/ul	0.00
19) Nitrobenzene-d5	8.95	128	218578	21.36	ng/ul	0.00
22) 2-Nitrophenol-d4	9.67	143	258248	21.61	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.20	165	494075	20.77	ng/ul	0.00
29) 4-Chloroaniline-d4	10.72	131	622572	20.98	ng/ul	0.00
43) Dimethylphthalate-d6	13.83	166	1555935	19.05	ng/ul	0.00
46) Acenaphthylene-d8	14.12	160	1916172	20.24	ng/ul	0.00
51) 4-Nitrophenol-d4	14.64	143	285716	18.53	ng/ul	0.00
57) Fluorene-d10	15.42	176	1385781	19.62	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.55	200	294428	19.78	ng/ul	0.00
70) Anthracene-d10	17.27	188	2262800	20.46	ng/ul	0.00
76) Pyrene-d10	19.56	212	2691211	23.21	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.47	264	2292122	20.48	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.34	88	43636	6.94	ng/uL	98
4) Benzaldehyde	6.94	77	328015	21.14	ng/ul	100
6) Phenol	6.99	94	563003	19.93	ng/ul	98
8) Bis(2-Chloroethyl)ether	7.22	93	392145	19.93	ng/ul	97
10) 2-Chlorophenol	7.36	128	422983	20.52	ng/ul	99
11) 2-Methylphenol	8.23	108	441702	20.00	ng/ul	100
12) 2,2'-oxybis(1-Chloropropan	8.33	45	433314	19.56	ng/ul	98
14) Acetophenone	8.61	105	711504	19.53	ng/ul	97
15) N-Nitroso-di-n-propylamine	8.60	70	369161	19.07	ng/ul	95
16) 4-Methylphenol	8.56	108	494947	19.98	ng/ul	97
17) Hexachloroethane	8.86	117	163558	20.40	ng/ul	97
20) Nitrobenzene	8.99	77	544389	20.71	ng/ul	98
21) Isophorone	9.51	82	1047031	19.55	ng/ul	99
23) 2-Nitrophenol	9.70	139	273679	21.07	ng/ul	96
24) 2,4-Dimethylphenol	9.76	107	592831	20.69	ng/ul	98
25) Bis(2-Chloroethoxy)methane	9.99	93	596985	19.78	ng/ul	97
27) 2,4-Dichlorophenol	10.23	162	492033	20.82	ng/ul	97
28) Naphthalene	10.63	128	1403611	20.25	ng/ul	100
30) 4-Chloroaniline	10.74	127	639015	20.92	ng/ul	100
31) Hexachlorobutadiene	10.91	225	322986	20.23	ng/ul	99
32) Caprolactam	11.51	113	179060m	18.81	ng/ul	
33) 4-Chloro-3-methylphenol	11.87	107	586994	20.07	ng/ul	96
34) 2-Methylnaphthalene	12.24	142	1115922	19.67	ng/ul	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.61	216	678600	21.53	ng/ul	96
37) Hexachlorocyclopentadiene	12.59	237	278852	14.66	ng/ul	99
38) 2,4,6-Trichlorophenol	12.86	196	458637	20.57	ng/ul	100
39) 2,4,5-Trichlorophenol	12.93	196	480790	20.69	ng/ul	99
40) 1,1'-Biphenyl	13.26	154	1497937	20.40	ng/ul	98
41) 2-Chloronaphthalene	13.30	162	1181181	20.52	ng/ul	99
42) 2-Nitroaniline	13.51	65	399348	21.24	ng/ul	100
44) Dimethylphthalate	13.89	163	1538070	18.91	ng/ul	100
45) 2,6-Dinitrotoluene	14.01	165	343674	20.67	ng/ul	96
47) Acenaphthylene	14.14	152	1992960	20.46	ng/ul	98
48) 3-Nitroaniline	14.34	138	355997	20.98	ng/ul	98
49) Acenaphthene	14.49	153	1275780	20.13	ng/ul	99
50) 2,4-Dinitrophenol	14.55	184	191864	17.02	ng/ul	88
52) 4-Nitrophenol	14.66	109	293025	17.87	ng/ul	91
53) Dibenzofuran	14.83	168	1880278	19.82	ng/ul	98
54) 2,4-Dinitrotoluene	14.80	165	509518	19.99	ng/ul	98
55) 2,3,4,6-Tetrachlorophenol	15.06	232	479124	20.09	ng/ul#	98
56) Diethylphthalate	15.25	149	1599270	18.85	ng/ul	98
58) Fluorene	15.47	166	1517689	19.43	ng/ul	97
59) 4-Chlorophenyl-phenylether	15.47	204	783846	19.19	ng/ul	96
60) 4-Nitroaniline	15.50	138	385820	20.03	ng/ul	95
63) 4,6-Dinitro-2-methylphenol	15.56	198	311468	19.60	ng/ul	98
64) N-Nitrosodiphenylamine	15.69	169	1370233	20.73	ng/ul	99
65) 4-Bromophenyl-phenylether	16.36	248	563014	21.06	ng/ul	99
66) Hexachlorobenzene	16.48	284	620161	20.72	ng/ul	99
67) Atrazine	16.64	200	568286	20.37	ng/ul	99
68) Pentachlorophenol	16.82	266	382096	19.78	ng/ul	99
69) Phenanthrene	17.22	178	2580008	20.30	ng/ul	100
71) Anthracene	17.30	178	2690484	20.51	ng/ul	100
72) Carbazole	17.57	167	2375885	20.84	ng/ul	99
73) Di-n-butylphthalate	18.13	149	2869686	20.00	ng/ul	99
74) Fluoranthene	19.23	202	3318221	20.81	ng/ul	100
77) Pyrene	19.59	202	3417821	22.98	ng/ul	98
78) Butylbenzylphthalate	20.49	149	1431293	23.13	ng/ul	99
79) 3,3'-Dichlorobenzidine	21.27	252	1083735	19.69	ng/ul	98
80) Benzo(a)anthracene	21.34	228	3376963	20.66	ng/ul	99
81) Bis(2-ethylhexyl)phthalate	21.26	149	1978238	22.04	ng/ul	100
82) Chrysene	21.39	228	3076935	20.79	ng/ul	99
84) Di-n-octyl phthalate	22.14	149	3632552	30.01	ng/ul	98
85) Benzo(b)fluoranthene	22.94	252	3211639	22.35	ng/ul	99
86) Benzo(k)fluoranthene	22.99	252	2893417	21.79	ng/ul	100
88) Benzo(a)pyrene	23.53	252	2827304	20.56	ng/ul	99
89) Indeno(1,2,3-cd)pyrene	25.91	276	2833395	16.79	ng/ul	98
90) Dibenzo(a,h)anthracene	25.92	278	2401514	17.11	ng/ul	100
91) Benzo(g,h,i)perylene	26.62	276	2304010	16.08	ng/ul	98

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

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