Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM052915\
Data File : BM001452.D
Acq On : 29 May 2015 19:43
Operator : TP/IZ
Sample : SSTDCCC020
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTD02057

Quant Time: May 30 02:17:24 2015
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM052915.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri May 29 18:17:02 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.38	152	106546	20.00	ng/ul	0.00
18) Naphthalene-d8	10.16	136	450883	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.07	164	290835	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.82	188	694848	20.00	ng/ul	0.00
75) Chrysene-d12	21.03	240	775867	20.00	ng/ul	0.00
83) Perylene-d12	23.11	264	687045	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	2.81	96	16730	7.84	ng/uL	0.00
5) Phenol-d5	6.58	99	153011	19.36	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.73	67	98750	20.09	ng/ul	0.00
9) 2-Chlorophenol-d4	6.92	132	132476	20.59	ng/ul	0.00
13) 4-Methylphenol-d8	8.12	113	130170	19.57	ng/ul	0.00
19) Nitrobenzene-d5	8.54	128	61020	20.78	ng/ul	0.00
22) 2-Nitrophenol-d4	9.26	143	70504	21.07	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.80	165	141553	21.13	ng/ul	0.00
29) 4-Chloroaniline-d4	10.32	131	181017	22.99	ng/ul	0.00
43) Dimethylphthalate-d6	13.49	166	423782	20.78	ng/ul	0.00
46) Acenaphthylene-d8	13.75	160	577820	20.81	ng/ul	0.00
51) 4-Nitrophenol-d4	14.30	143	79527	19.12	ng/ul	0.00
57) Fluorene-d10	15.07	176	415991	20.45	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.21	200	79749	18.65	ng/ul	0.00
70) Anthracene-d10	16.92	188	655241	20.46	ng/ul	0.00
76) Pyrene-d10	19.22	212	726284	21.53	ng/ul	0.00
87) Benzo(a)pyrene-d12	22.99	264	625356	20.59	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.85	88	18780	7.85	ng/uL	94
4) Benzaldehyde	6.52	77	103206	25.11	ng/ul	99
6) Phenol	6.60	94	161357	19.32	ng/ul	98
8) Bis(2-Chloroethyl)ether	6.82	93	130645	19.71	ng/ul	98
10) 2-Chlorophenol	6.95	128	137789	20.53	ng/ul	98
11) 2-Methylphenol	7.85	108	127068	19.54	ng/ul	97
12) 2,2'-oxybis(1-Chloropropan	7.93	45	250247	20.35	ng/ul	97
14) Acetophenone	8.21	105	215485	19.82	ng/ul	98
15) N-Nitroso-di-n-propylamine	8.20	70	108960	21.04	ng/ul#	99
16) 4-Methylphenol	8.18	108	139177	19.56	ng/ul	99
17) Hexachloroethane	8.45	117	57618	20.28	ng/ul	97
20) Nitrobenzene	8.58	77	159837	20.42	ng/ul	99
21) Isophorone	9.10	82	283813	20.72	ng/ul	99
23) 2-Nitrophenol	9.29	139	79439	21.40	ng/ul	97
24) 2,4-Dimethylphenol	9.37	107	162771	20.65	ng/ul	95
25) Bis(2-Chloroethoxy)methane	9.60	93	184941	21.18	ng/ul	99
27) 2,4-Dichlorophenol	9.83	162	138113	20.96	ng/ul	98
28) Naphthalene	10.22	128	470585	20.30	ng/ul	99
30) 4-Chloroaniline	10.34	127	186452	23.09	ng/ul	100
31) Hexachlorobutadiene	10.50	225	91073	20.87	ng/ul	96
32) Caprolactam	11.07	113	41929	19.37	ng/ul	86
33) 4-Chloro-3-methylphenol	11.49	107	147469	20.77	ng/ul	97
34) 2-Methylnaphthalene	11.85	142	346704	20.73	ng/ul	100

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.23	216	176690	20.16 ng/ul	98
37) Hexachlorocyclopentadiene	12.21	237	89826	17.83 ng/ul	96
38) 2,4,6-Trichlorophenol	12.49	196	112244	20.86 ng/ul	92
39) 2,4,5-Trichlorophenol	12.56	196	123312	20.81 ng/ul	99
40) 1,1'-Biphenyl	12.89	154	465776	19.99 ng/ul	100
41) 2-Chloronaphthalene	12.92	162	360050	19.93 ng/ul	100
42) 2-Nitroaniline	13.15	65	105419	21.17 ng/ul	97
44) Dimethylphthalate	13.53	163	480589	20.88 ng/ul	99
45) 2,6-Dinitrotoluene	13.66	165	92546	21.28 ng/ul	99
47) Acenaphthylene	13.78	152	603995	20.46 ng/ul	100
48) 3-Nitroaniline	13.99	138	97255	20.84 ng/ul	100
49) Acenaphthene	14.13	153	407895	20.55 ng/ul	96
50) 2,4-Dinitrophenol	14.20	184	45512	16.44 ng/ul	96
52) 4-Nitrophenol	14.32	109	71442	20.01 ng/ul	94
53) Dibenzofuran	14.47	168	575706	20.25 ng/ul	97
54) 2,4-Dinitrotoluene	14.46	165	142255	21.36 ng/ul	93
55) 2,3,4,6-Tetrachlorophenol	14.71	232	108393	20.96 ng/ul#	98
56) Diethylphthalate	14.92	149	507088	21.16 ng/ul	99
58) Fluorene	15.12	166	490682	20.42 ng/ul	99
59) 4-Chlorophenyl-phenylether	15.13	204	238579	20.36 ng/ul	99
60) 4-Nitroaniline	15.16	138	96180	19.34 ng/ul	94
63) 4,6-Dinitro-2-methylphenol	15.22	198	88122	19.04 ng/ul#	98
64) N-Nitrosodiphenylamine	15.34	169	411904	20.38 ng/ul	97
65) 4-Bromophenyl-phenylether	16.02	248	139322	20.33 ng/ul	96
66) Hexachlorobenzene	16.13	284	157123	20.41 ng/ul	97
67) Atrazine	16.30	200	151956	20.64 ng/ul	98
68) Pentachlorophenol	16.48	266	80978	18.07 ng/ul	95
69) Phenanthrene	16.86	178	793504	20.51 ng/ul	99
71) Anthracene	16.95	178	817219	20.47 ng/ul	100
72) Carbazole	17.23	167	724270	19.52 ng/ul	99
73) Di-n-butylphthalate	17.80	149	882805	20.58 ng/ul	98
74) Fluoranthene	18.89	202	924891	19.73 ng/ul	99
77) Pyrene	19.25	202	989857	21.34 ng/ul	99
78) Butylbenzylphthalate	20.18	149	389534	21.30 ng/ul	93
79) 3,3'-Dichlorobenzidine	20.96	252	294865	19.84 ng/ul	99
80) Benzo(a)anthracene	21.01	228	941349	20.78 ng/ul	99
81) Bis(2-ethylhexyl)phthalate	20.96	149	609790	21.08 ng/ul	99
82) Chrysene	21.06	228	877217	20.56 ng/ul	100
84) Di-n-octyl phthalate	21.80	149	982525	19.39 ng/ul	100
85) Benzo(b)fluoranthene	22.50	252	882360	20.98 ng/ul	99
86) Benzo(k)fluoranthene	22.54	252	804202	19.96 ng/ul	100
88) Benzo(a)pyrene	23.03	252	800222	20.28 ng/ul	98
89) Indeno(1,2,3-cd)pyrene	25.17	276	844770	20.34 ng/ul	99
90) Dibenzo(a,h)anthracene	25.18	278	716868	20.55 ng/ul	98
91) Benzo(g,h,i)perylene	25.79	276	693766	20.24 ng/ul	96

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

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