Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM052716\
Data File : BM005653.D
Acq On : 27 May 2016 18:02
Operator : UM/SJ
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId :

Quant Time: May 27 18:58:02 2016
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-BM052016.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed May 25 19:26:23 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.77	152	122189	20.00	ng/ul	-0.01
18) Naphthalene-d8	10.56	136	534266	20.00	ng/ul	-0.01
35) Acenaphthene-d10	14.41	164	267742	20.00	ng/ul	-0.02
61) Phenanthrene-d10	17.16	188	522605	20.00	ng/ul	-0.01
75) Chrysene-d12	21.34	240	506329	20.00	ng/ul	-0.01
83) Perylene-d12	23.61	264	510819	20.00	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.23	96	21325	7.64	ng/uL	0.00
5) Phenol-d5	6.95	99	208992	20.87	ng/ul	-0.01
7) Bis-(2-Chloroethyl)ether-d	7.10	67	125303	21.59	ng/ul	-0.01
9) 2-Chlorophenol-d4	7.30	132	173532	20.77	ng/ul	-0.02
13) 4-Methylphenol-d8	8.49	113	165667	20.19	ng/ul	-0.01
19) Nitrobenzene-d5	8.93	128	82909	20.30	ng/ul	-0.01
22) 2-Nitrophenol-d4	9.65	143	86926	19.33	ng/ul	-0.01
26) 2,4-Dichlorophenol-d3	10.19	165	157176	18.56	ng/ul	-0.01
29) 4-Chloroaniline-d4	10.70	131	201077	23.71	ng/ul	-0.02
43) Dimethylphthalate-d6	13.82	166	398340	18.23	ng/ul	-0.01
46) Acenaphthylene-d8	14.10	160	530612	19.42	ng/ul	-0.01
51) 4-Nitrophenol-d4	14.64	143	57069	13.80	ng/ul	-0.01
57) Fluorene-d10	15.40	176	344226	18.10	ng/ul	-0.01
62) 4,6-Dinitro-2-methylphenol	15.54	200	23935	7.96	ng/ul	-0.01
70) Anthracene-d10	17.26	188	482059	19.36	ng/ul	-0.01
76) Pyrene-d10	19.55	212	484472	21.13	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.46	264	452934	18.99	ng/ul	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.26	88	38007	7.72	ng/uL	93
4) Benzaldehyde	6.91	77	97613	15.02	ng/ul	99
6) Phenol	6.97	94	216609	21.00	ng/ul	93
8) Bis(2-Chloroethyl)ether	7.19	93	166317	21.34	ng/ul	98
10) 2-Chlorophenol	7.34	128	171307	20.43	ng/ul	99
11) 2-Methylphenol	8.22	108	165641	21.18	ng/ul	94
12) 2,2'-oxybis(1-Chloropropan	8.30	45	211223	20.29	ng/ul	98
14) Acetophenone	8.59	105	259951	21.04	ng/ul	99
15) N-Nitroso-di-n-propylamine	8.57	70	130406	19.98	ng/ul	100
16) 4-Methylphenol	8.55	108	176463	20.78	ng/ul	96
17) Hexachloroethane	8.84	117	68111	20.30	ng/ul	93
20) Nitrobenzene	8.97	77	192591	19.46	ng/ul	98
21) Isophorone	9.49	82	354890	19.18	ng/ul	98
23) 2-Nitrophenol	9.68	139	92883	19.20	ng/ul#	89
24) 2,4-Dimethylphenol	9.75	107	188612	18.87	ng/ul	97
25) Bis(2-Chloroethoxy)methane	9.97	93	219130	20.11	ng/ul	99
27) 2,4-Dichlorophenol	10.22	162	156730	18.77	ng/ul	98
28) Naphthalene	10.61	128	525692	19.59	ng/ul	99
30) 4-Chloroaniline	10.73	127	202314	23.29	ng/ul	97
31) Hexachlorobutadiene	10.89	225	98799	17.71	ng/ul	97
32) Caprolactam	11.48	113	45133	16.20	ng/ul	95
33) 4-Chloro-3-methylphenol	11.86	107	163466	17.87	ng/ul	99
34) 2-Methylnaphthalene	12.23	142	359997	18.33	ng/ul	99

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.60	216	180319	19.71 ng/ul	99
37) Hexachlorocyclopentadiene	12.57	237	33566	5.84 ng/ul	95
38) 2,4,6-Trichlorophenol	12.85	196	107954	18.11 ng/ul	97
39) 2,4,5-Trichlorophenol	12.92	196	116402	17.73 ng/ul	97
40) 1,1'-Biphenyl	13.24	154	449506	20.00 ng/ul	99
41) 2-Chloronaphthalene	13.29	162	346896	20.03 ng/ul	100
42) 2-Nitroaniline	13.49	65	100199	19.22 ng/ul	98
44) Dimethylphthalate	13.87	163	395201	18.30 ng/ul	100
45) 2,6-Dinitrotoluene	13.99	165	80685	18.48 ng/ul	99
47) Acenaphthylene	14.13	152	545466	19.65 ng/ul	100
48) 3-Nitroaniline	14.32	138	88273	21.82 ng/ul	99
49) Acenaphthene	14.47	153	350849	19.17 ng/ul	99
50) 2,4-Dinitrophenol	14.54	184	5115	2.09 ng/ul	86
52) 4-Nitrophenol	14.65	109	46773	11.26 ng/ul	81
53) Dibenzofuran	14.81	168	485691	18.58 ng/ul	99
54) 2,4-Dinitrotoluene	14.79	165	109577	17.20 ng/ul	95
55) 2,3,4,6-Tetrachlorophenol	15.04	232	75140	13.10 ng/ul#	92
56) Diethylphthalate	15.23	149	388043	17.62 ng/ul	99
58) Fluorene	15.46	166	378772	18.11 ng/ul	99
59) 4-Chlorophenyl-phenylether	15.45	204	184665	17.67 ng/ul	98
60) 4-Nitroaniline	15.49	138	90190	18.28 ng/ul	87
63) 4,6-Dinitro-2-methylphenol	15.55	198	24106	7.63 ng/ul#	94
64) N-Nitrosodiphenylamine	15.67	169	321985	20.30 ng/ul	99
65) 4-Bromophenyl-phenylether	16.34	248	111691	19.19 ng/ul	99
66) Hexachlorobenzene	16.46	284	122438	18.46 ng/ul	97
67) Atrazine	16.62	200	111015	18.71 ng/ul	99
68) Pentachlorophenol	16.82	266	31812	7.99 ng/ul	99
69) Phenanthrene	17.20	178	552866	18.93 ng/ul	100
71) Anthracene	17.29	178	561219	18.85 ng/ul	99
72) Carbazole	17.56	167	511627	19.80 ng/ul	100
73) Di-n-butylphthalate	18.12	149	631316	20.14 ng/ul	99
74) Fluoranthene	19.22	202	600472	18.26 ng/ul	97
77) Pyrene	19.58	202	610202	20.96 ng/ul	97
78) Butylbenzylphthalate	20.47	149	271561	22.14 ng/ul	97
79) 3,3'-Dichlorobenzidine	21.26	252	183259	19.96 ng/ul	99
80) Benzo(a)anthracene	21.33	228	580754	19.51 ng/ul	98
81) Bis(2-ethylhexyl)phthalate	21.24	149	381927	22.04 ng/ul	99
82) Chrysene	21.37	228	548367	19.37 ng/ul	99
84) Di-n-octyl phthalate	22.13	149	658974	22.49 ng/ul	100
85) Benzo(b)fluoranthene	22.92	252	578348	19.20 ng/ul	98
86) Benzo(k)fluoranthene	22.97	252	559326	19.61 ng/ul	98
88) Benzo(a)pyrene	23.51	252	564853	19.33 ng/ul#	98
89) Indeno(1,2,3-cd)pyrene	25.91	276	658474	18.97 ng/ul	96
90) Dibenzo(a,h)anthracene	25.91	278	555129	19.20 ng/ul	97
91) Benzo(g,h,i)perylene	26.61	276	547466	18.76 ng/ul	98

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

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