Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM072616\
Data File : BM006652.D
Acq On : 26 Jul 2016 15:35
Operator : UM/SJ
Sample : SSTDCCC020
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTD02040

Quant Time: Jul 26 16:05:28 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM072616.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Jul 26 15:24:14 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.61	152	127711	20.00	ng/ul	0.00
18) Naphthalene-d8	10.39	136	559181	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.27	164	324048	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.02	188	749200	20.00	ng/ul	0.00
75) Chrysene-d12	21.22	240	834700	20.00	ng/ul	0.00
83) Perylene-d12	23.43	264	877804	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.13	96	25790	7.85	ng/uL	0.00
5) Phenol-d5	6.80	99	234501	20.89	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.95	67	146204	21.21	ng/ul	0.00
9) 2-Chlorophenol-d4	7.15	132	179956	20.44	ng/ul	0.00
13) 4-Methylphenol-d8	8.33	113	181718	20.64	ng/ul	0.00
19) Nitrobenzene-d5	8.76	128	87675	20.31	ng/ul	0.00
22) 2-Nitrophenol-d4	9.49	143	96087	20.60	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.02	165	173150	20.25	ng/ul	0.00
29) 4-Chloroaniline-d4	10.54	131	173779	20.01	ng/ul	0.00
43) Dimethylphthalate-d6	13.68	166	527190	20.39	ng/ul	0.00
46) Acenaphthylene-d8	13.96	160	667519	20.53	ng/ul	0.00
51) 4-Nitrophenol-d4	14.50	143	91103	20.48	ng/ul	0.00
57) Fluorene-d10	15.27	176	459533	20.49	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.41	200	80955	19.83	ng/ul	0.00
70) Anthracene-d10	17.12	188	712230	20.37	ng/ul	0.00
76) Pyrene-d10	19.42	212	787964	20.35	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.29	264	815530	20.53	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.16	88	26142	7.73	ng/uL#	29
4) Benzaldehyde	6.76	77	149128	20.80	ng/ul	95
6) Phenol	6.82	94	243477	20.52	ng/ul	95
8) Bis(2-Chloroethyl)ether	7.05	93	187885	20.96	ng/ul	98
10) 2-Chlorophenol	7.18	128	182654	20.28	ng/ul	97
11) 2-Methylphenol	8.06	108	183625	20.67	ng/ul	98
12) 2,2'-oxybis(1-Chloropropan	8.15	45	269256	20.70	ng/ul	98
14) Acetophenone	8.43	105	286115	20.86	ng/ul	98
15) N-Nitroso-di-n-propylamine	8.42	70	158230	21.10	ng/ul	97
16) 4-Methylphenol	8.39	108	199104	21.08	ng/ul	100
17) Hexachloroethane	8.67	117	77629	20.34	ng/ul	97
20) Nitrobenzene	8.81	77	223624	20.26	ng/ul	96
21) Isophorone	9.33	82	425008	20.48	ng/ul	100
23) 2-Nitrophenol	9.52	139	106024	20.75	ng/ul	96
24) 2,4-Dimethylphenol	9.58	107	220893	20.30	ng/ul	98
25) Bis(2-Chloroethoxy)methane	9.81	93	258867	20.27	ng/ul	99
27) 2,4-Dichlorophenol	10.05	162	175523	20.70	ng/ul	98
28) Naphthalene	10.44	128	568334	20.33	ng/ul	99
30) 4-Chloroaniline	10.56	127	179711	20.06	ng/ul	99
31) Hexachlorobutadiene	10.72	225	108633	20.32	ng/ul	98
32) Caprolactam	11.32	113	62525	20.22	ng/ul	93
33) 4-Chloro-3-methylphenol	11.70	107	204647	20.64	ng/ul	97
34) 2-Methylnaphthalene	12.06	142	425100	20.69	ng/ul	100

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36) 1,2,4,5-Tetrachlorobenzene	12.44	216	212127	20.36	ng/ul	99
37) Hexachlorocyclopentadiene	12.41	237	80923	18.12	ng/ul	98
38) 2,4,6-Trichlorophenol	12.69	196	141346	20.26	ng/ul	98
39) 2,4,5-Trichlorophenol	12.77	196	145064	20.07	ng/ul	99
40) 1,1'-Biphenyl	13.09	154	536100	20.33	ng/ul	98
41) 2-Chloronaphthalene	13.13	162	420529	20.56	ng/ul	99
42) 2-Nitroaniline	13.35	65	147575	20.61	ng/ul	96
44) Dimethylphthalate	13.73	163	532730	20.59	ng/ul	99
45) 2,6-Dinitrotoluene	13.85	165	108457	20.14	ng/ul	98
47) Acenaphthylene	13.99	152	693896	20.50	ng/ul	100
48) 3-Nitroaniline	14.19	138	100277	20.67	ng/ul	98
49) Acenaphthene	14.33	153	441062	20.44	ng/ul	98
50) 2,4-Dinitrophenol	14.41	184	47283	17.73	ng/ul	94
52) 4-Nitrophenol	14.52	109	80528	19.97	ng/ul	95
53) Dibenzofuran	14.67	168	635755	20.69	ng/ul	98
54) 2,4-Dinitrotoluene	14.65	165	160696	21.22	ng/ul	95
55) 2,3,4,6-Tetrachlorophenol	14.90	232	123951	20.40	ng/ul	98
56) Diethylphthalate	15.10	149	547275	20.00	ng/ul	99
58) Fluorene	15.32	166	517446	20.83	ng/ul	99
59) 4-Chlorophenyl-phenylether	15.32	204	250685	20.72	ng/ul	99
60) 4-Nitroaniline	15.35	138	126561	20.70	ng/ul	93
63) 4,6-Dinitro-2-methylphenol	15.42	198	85025	19.36	ng/ul#	95
64) N-Nitrosodiphenylamine	15.53	169	458426	20.43	ng/ul	98
65) 4-Bromophenyl-phenylether	16.21	248	163710	20.47	ng/ul	99
66) Hexachlorobenzene	16.33	284	179641	20.62	ng/ul	98
67) Atrazine	16.49	200	166841	20.89	ng/ul	99
68) Pentachlorophenol	16.68	266	69333	17.86	ng/ul	96
69) Phenanthrene	17.06	178	828884	20.41	ng/ul	99
71) Anthracene	17.15	178	866037	20.64	ng/ul	100
72) Carbazole	17.43	167	776447	21.14	ng/ul	99
73) Di-n-butylphthalate	17.99	149	984002	19.92	ng/ul	99
74) Fluoranthene	19.09	202	987994	21.48	ng/ul	99
77) Pyrene	19.45	202	1035232	20.31	ng/ul	98
78) Butylbenzylphthalate	20.36	149	469391	20.00	ng/ul	99
79) 3,3'-Dichlorobenzidine	21.14	252	309804	21.73	ng/ul	99
80) Benzo(a)anthracene	21.20	228	1012492	20.33	ng/ul	99
81) Bis(2-ethylhexyl)phthalate	21.13	149	674661	19.97	ng/ul	99
82) Chrysene	21.26	228	925937	20.41	ng/ul	99
84) Di-n-octyl phthalate	22.00	149	1216102	21.72	ng/ul	98
85) Benzo(b)fluoranthene	22.77	252	1029010	19.83	ng/ul	99
86) Benzo(k)fluoranthene	22.81	252	1033262	21.71	ng/ul	98
88) Benzo(a)pyrene	23.33	252	1031403	20.84	ng/ul	99
89) Indeno(1,2,3-cd)pyrene	25.64	276	1204060	20.75	ng/ul	99
90) Dibenzo(a,h)anthracene	25.64	278	1005784	20.83	ng/ul	97
91) Benzo(g,h,i)perylene	26.31	276	1028501	20.52	ng/ul	99

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

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