Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\Data\BM041216\
Data File : BM004942.D
Acq On : 12 Apr 2016 15:23
Operator : UM/SJ
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTD02042

Quant Time: Apr 12 18:40:53 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM040116.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Apr 12 18:19:19 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.82	152	45876	20.00	ng/ul	0.00
18) Naphthalene-d8	10.61	136	214791	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.45	164	135233	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.20	188	322933	20.00	ng/ul	0.00
78) Chrysene-d12	21.38	240	381324	20.00	ng/ul	0.00
86) Perylene-d12	23.67	264	390328	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.31	96	8673	7.65	ng/uL	0.00
5) Phenol-d5	6.98	99	72758	17.85	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.15	67	42644	19.30	ng/ul	0.00
9) 2-Chlorophenol-d4	7.35	132	57070	18.45	ng/ul	0.00
13) 4-Methylphenol-d8	8.52	113	60017	17.53	ng/ul	0.00
19) Nitrobenzene-d5	8.97	128	27490	18.04	ng/ul	0.00
22) 2-Nitrophenol-d4	9.69	143	30319	17.89	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.23	165	60609	19.18	ng/ul	0.00
29) 4-Chloroaniline-d4	10.75	131	82177	21.79	ng/ul	0.00
44) Dimethylphthalate-d6	13.86	166	201674	18.90	ng/ul	0.00
47) Acenaphthylene-d8	14.14	160	242423	18.99	ng/ul	0.00
52) 4-Nitrophenol-d4	14.65	143	34806	16.50	ng/ul	0.00
58) Fluorene-d10	15.44	176	177505	19.25	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.57	200	32406	16.75	ng/ul	0.00
71) Anthracene-d10	17.30	188	276830	19.16	ng/ul	0.00
79) Pyrene-d10	19.59	212	321109	19.40	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.52	264	328269	18.98	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.35	88	10528	7.63	ng/uL#	87
4) Benzaldehyde	6.96	77	42130	22.17	ng/ul	98
6) Phenol	7.01	94	78205	18.37	ng/ul	99
8) Bis(2-Chloroethyl)ether	7.24	93	60948	18.89	ng/ul	94
10) 2-Chlorophenol	7.38	128	59957	18.40	ng/ul	95
11) 2-Methylphenol	8.25	108	58850	17.52	ng/ul	99
12) 2,2'-oxybis(1-Chloropropan	8.35	45	77487	19.70	ng/ul#	91
14) Acetophenone	8.63	105	98574	19.04	ng/ul#	96
15) N-Nitroso-di-n-propylamine	8.62	70	47863	18.26	ng/ul	93
16) 4-Methylphenol	8.58	108	67778	18.11	ng/ul	97
17) Hexachloroethane	8.89	117	23131	18.52	ng/ul	95
20) Nitrobenzene	9.02	77	70231	19.21	ng/ul	97
21) Isophorone	9.53	82	132925	18.26	ng/ul	99
23) 2-Nitrophenol	9.72	139	34292	18.56	ng/ul	96
24) 2,4-Dimethylphenol	9.78	107	74622	19.10	ng/ul	99
25) Bis(2-Chloroethoxy)methane	10.02	93	85661	18.89	ng/ul	99
27) 2,4-Dichlorophenol	10.25	162	63089	19.33	ng/ul	96
28) Naphthalene	10.66	128	207692	19.13	ng/ul	100
30) 4-Chloroaniline	10.77	127	86266	21.68	ng/ul	99
31) Hexachlorobutadiene	10.94	225	39087	19.70	ng/ul	98
32) Caprolactam	11.52	113	17031	13.79	ng/ul#	80
33) 4-Chloro-3-methylphenol	11.89	107	71415	19.08	ng/ul	98
34) 2-Methylnaphthalene	12.27	142	155640	19.23	ng/ul	98

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35) 1-Methylnaphthalene	12.49	142	151624	19.33	ng/ul	99
37) 1,2,4,5-Tetrachlorobenzene	12.64	216	81611	19.50	ng/ul	99
38) Hexachlorocyclopentadiene	12.62	237	43222	17.37	ng/ul	98
39) 2,4,6-Trichlorophenol	12.88	196	51523	18.65	ng/ul	100
40) 2,4,5-Trichlorophenol	12.95	196	56053	18.45	ng/ul	100
41) 1,1'-Biphenyl	13.28	154	211587	19.27	ng/ul	99
42) 2-Chloronaphthalene	13.33	162	159766	19.32	ng/ul	97
43) 2-Nitroaniline	13.53	65	42268	17.75	ng/ul	89
45) Dimethylphthalate	13.91	163	207725	19.11	ng/ul	100
46) 2,6-Dinitrotoluene	14.03	165	38820	18.36	ng/ul	93
48) Acenaphthylene	14.17	152	260487	19.17	ng/ul	99
49) 3-Nitroaniline	14.36	138	40877	18.91	ng/ul	95
50) Acenaphthene	14.52	153	173298	19.05	ng/ul	100
51) 2,4-Dinitrophenol	14.57	184	19321	13.77	ng/ul	94
53) 4-Nitrophenol	14.66	109	29998	17.36	ng/ul	93
54) Dibenzofuran	14.85	168	252339	19.11	ng/ul	95
55) 2,4-Dinitrotoluene	14.82	165	59799	18.79	ng/ul	95
56) 2,3,4,6-Tetrachlorophenol	15.08	232	49983	18.52	ng/ul	93
57) Diethylphthalate	15.27	149	205209	18.65	ng/ul	98
59) Fluorene	15.50	166	200620	19.07	ng/ul	99
60) 4-Chlorophenyl-phenylether	15.50	204	100079	19.54	ng/ul	90
61) 4-Nitroaniline	15.52	138	42266	16.68	ng/ul	96
64) 4,6-Dinitro-2-methylphenol	15.58	198	35412	17.07	ng/ul	99
65) N-Nitrosodiphenylamine	15.71	169	176598	18.86	ng/ul	98
66) 4-Bromophenyl-phenylether	16.39	248	62102	19.28	ng/ul	90
67) Hexachlorobenzene	16.50	284	70338	19.18	ng/ul	94
68) Atrazine	16.66	200	64303	18.72	ng/ul	99
69) Pentachlorophenol	16.85	266	37961	16.65	ng/ul	100
70) Phenanthrene	17.24	178	339473	19.06	ng/ul	99
72) Anthracene	17.33	178	341230	19.11	ng/ul	100
73) 1,2,3,4-Tetrachlorobenzene	13.25	216	80842	19.26	ng/uL	100
74) Pentachlorobenzene	14.77	250	80998	19.32	ng/uL	99
75) Carbazole	17.60	167	308157	19.34	ng/ul	99
76) Di-n-butylphthalate	18.16	149	341595	18.06	ng/ul	99
77) Fluoranthene	19.26	202	401460	20.29	ng/ul	99
80) Pyrene	19.62	202	422201	19.35	ng/ul	99
81) Butylbenzylphthalate	20.52	149	156613	16.92	ng/ul	95
82) 3,3'-Dichlorobenzidine	21.30	252	141276	19.01	ng/ul	99
83) Benzo(a)anthracene	21.36	228	422187	19.31	ng/ul	100
84) Bis(2-ethylhexyl)phthalate	21.29	149	230994	17.47	ng/ul	99
85) Chrysene	21.42	228	399527	19.26	ng/ul	100
87) Di-n-octyl phthalate	22.18	149	423132	18.31	ng/ul	98
88) Benzo(b)fluoranthene	22.98	252	430959	19.26	ng/ul	99
89) Benzo(k)fluoranthene	23.02	252	426295	19.87	ng/ul	100
91) Benzo(a)pyrene	23.57	252	418694	19.30	ng/ul	98
92) Indeno(1,2,3-cd)pyrene	25.99	276	454783	17.58	ng/ul	97
93) Dibenzo(a,h)anthracene	26.00	278	387403	18.01	ng/ul	98
94) Benzo(g,h,i)perylene	26.70	276	375016	16.88	ng/ul	98

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

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