Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF041717\
Data File : BF094448.D
Acq On : 17 Apr 2017 14:34
Operator : SJ/MA
Sample : SSTDICV040
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : ICVBF041717

Quant Time: Apr 17 14:59:52 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF041717.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 17 14:59:23 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.76	152	143342	20.00	ng		0.00
21) Naphthalene-d8	7.26	136	579613	20.00	ng		0.00
38) Acenaphthene-d10	9.40	164	259416	20.00	ng		0.00
63) Phenanthrene-d10	11.22	188	455127	20.00	ng		0.00
75) Chrysene-d12	14.47	240	379316	20.00	ng		0.00
86) Perylene-d12	16.09	264	335016	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	4.30	112	691819	80.07	ng		0.00
7) Phenol-d6	5.39	99	821671	80.67	ng		0.00
23) Nitrobenzene-d5	6.42	82	762909	81.28	ng		0.00
41) 2,4,6-Tribromophenol	10.37	330	166307	81.96	ng		0.00
44) 2-Fluorobiphenyl	8.59	172	1374310	77.95	ng		0.00
78) Terphenyl-d14	13.20	244	1120518	78.96	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.08	88	202877	40.38	ng		96
3) Pyridine	2.58	79	472763	43.05	ng		97
4) n-Nitrosodimethylamine	2.55	42	185299	40.78	ng		90
6) Aniline	5.39	93	540959	39.96	ng		91
8) 2-Chlorophenol	5.53	128	400849	40.77	ng		94
9) Benzaldehyde	5.26	77	316486	40.85	ng		99
10) Phenol	5.40	94	511302	40.86	ng		92
11) bis(2-Chloroethyl)ether	5.47	93	369703	40.44	ng		97
12) 1,3-Dichlorobenzene	5.69	146	438199	40.23	ng		99
13) 1,4-Dichlorobenzene	5.78	146	443427	40.46	ng		97
14) 1,2-Dichlorobenzene	5.96	146	407481	40.37	ng		96
15) Benzyl Alcohol	5.94	79	306216	40.53	ng		98
16) 2,2'-oxybis(1-Chloropropan	6.10	45	481536	40.18	ng		77
17) 2-Methylphenol	6.09	107	312980	40.42	ng		94
18) Hexachloroethane	6.35	117	152980	40.72	ng	#	83
19) n-Nitroso-di-n-propylamine	6.25	70	275780	40.86	ng		98
20) 3+4-Methylphenols	6.27	107	431987	41.06	ng	#	63
22) Acetophenone	6.24	105	570919	40.51	ng	#	86
24) Nitrobenzene	6.44	77	404570	40.93	ng		93
25) Isophorone	6.73	82	700906	40.28	ng		95
26) 2-Nitrophenol	6.81	139	221384	41.69	ng		96
27) 2,4-Dimethylphenol	6.89	122	346854	40.21	ng		98
28) bis(2-Chloroethoxy)methane	6.99	93	448354	39.83	ng		100
29) 2,4-Dichlorophenol	7.12	162	328030	40.88	ng		99
30) 1,2,4-Trichlorobenzene	7.20	180	330084	39.79	ng		98
31) Naphthalene	7.29	128	1120246	40.20	ng		99
32) Benzoic acid	7.06	122	177672	38.95	ng		97
33) 4-Chloroaniline	7.36	127	469309	40.49	ng		95
34) Hexachlorobutadiene	7.45	225	163761	39.59	ng		98
35) Caprolactam	7.82	113	104327	41.38	ng		96
36) 4-Chloro-3-methylphenol	7.99	107	337583	40.14	ng		92
37) 2-Methylnaphthalene	8.13	142	764672	40.11	ng		98
39) 1,2,4,5-Tetrachlorobenzene	8.34	216	294244	39.83	ng		99
40) Hexachlorocyclopentadiene	8.33	237	124627	41.70	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.49	196	207669	40.03	ng		99
43) 2,4,5-Trichlorophenol	8.55	196	212858	39.96	ng		94
45) 1,1'-Biphenyl	8.70	154	845259	39.88	ng		97
46) 2-Chloronaphthalene	8.72	162	673666	39.97	ng		94
47) 2-Nitroaniline	8.86	65	199496	41.15	ng	#	85
48) Acenaphthylene	9.23	152	1043042	39.70	ng		99
49) Dimethylphthalate	9.10	163	772556	39.96	ng		99
50) 2,6-Dinitrotoluene	9.16	165	176486	40.67	ng	#	91
51) Acenaphthene	9.44	154	621319	39.49	ng		98
52) 3-Nitroaniline	9.37	138	204004	40.63	ng		88
53) 2,4-Dinitrophenol	9.50	184	88002	40.44	ng	#	72
54) Dibenzofuran	9.66	168	890578	38.94	ng		100
55) 4-Nitrophenol	9.62	139	139176	39.24	ng	#	79
56) 2,4-Dinitrotoluene	9.66	165	217526	40.85	ng	#	71
57) Fluorene	10.07	166	703531	39.50	ng		99
58) 2,3,4,6-Tetrachlorophenol	9.82	232	154871	40.56	ng		96
59) Diethylphthalate	9.96	149	721982	39.58	ng		99
60) 4-Chlorophenyl-phenylether	10.08	204	303718	40.98	ng		94
61) 4-Nitroaniline	10.12	138	196922	38.58	ng		95
62) Azobenzene	10.28	77	713643	40.29	ng		94
64) 4,6-Dinitro-2-methylphenol	10.16	198	126128	42.30	ng	#	70
65) n-Nitrosodiphenylamine	10.23	169	634301	40.07	ng		99
66) 4-Bromophenyl-phenylether	10.68	248	182383	40.36	ng		99
67) Hexachlorobenzene	10.75	284	182869	40.15	ng	#	89
68) Atrazine	10.91	200	187108	39.51	ng		97
69) Pentachlorophenol	11.00	266	71201	39.37	ng		98
70) Phenanthrene	11.25	178	1023661	39.94	ng		98
71) Anthracene	11.32	178	1059533	39.97	ng		99
72) Carbazole	11.52	167	1001660	40.25	ng		98
73) Di-n-butylphthalate	11.97	149	1095241	39.98	ng		99
74) Fluoranthene	12.71	202	1056930	39.79	ng		99
76) Benzidine	12.89	184	626819	40.81	ng		99
77) Pyrene	12.99	202	1077566	40.66	ng		99
79) Butylbenzylphthalate	13.80	149	471284	40.58	ng	#	84
80) Benzo(a)anthracene	14.46	228	902068	40.92	ng		98
81) 3,3'-Dichlorobenzidine	14.43	252	318989	40.87	ng	#	96
82) Chrysene	14.50	228	818943	40.64	ng		99
83) Bis(2-ethylhexyl)phthalate	14.52	149	639881	41.03	ng	#	99
84) Di-n-octyl phthalate	15.27	149	1074908	41.09	ng		97
85) Indeno(1,2,3-cd)pyrene	17.36	276	733574	38.26	ng		99
87) Benzo(b)fluoranthene	15.69	252	855028	41.72	ng		98
88) Benzo(k)fluoranthene	15.72	252	757199	39.04	ng	#	94
89) Benzo(a)pyrene	16.03	252	770744	40.42	ng		100
90) Dibenzo(a,h)anthracene	17.38	278	608363	38.43	ng		100
91) Benzo(g,h,i)perylene	17.73	276	611059	37.91	ng		97

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

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