Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051716\
Data File : BF087105.D
Acq On : 17 May 2016 16:03
Operator : UM/SJ
Sample : SSTDICV040
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : ICVBF051716

Manual Integrations APPROVED
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5/18/2016 6:57:12 PM

Quant Time: May 17 16:57:27 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF051716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 17 16:55:01 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.59	152	135147	20.00	ng		-0.01
21) Naphthalene-d8	7.88	136	584875	20.00	ng		-0.01
38) Acenaphthene-d10	9.63	164	273513	20.00	ng		-0.01
63) Phenanthrene-d10	11.11	188	497765	20.00	ng		-0.01
75) Chrysene-d12	13.74	240	362334	20.00	ng		-0.02
86) Perylene-d12	15.10	264	334422	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.18	112	646095	80.36	ng		-0.02
7) Phenol-d6	6.26	99	774464	71.82	ng		-0.02
23) Nitrobenzene-d5	7.18	82	911958	77.71	ng		-0.01
41) 2,4,6-Tribromophenol	10.42	330	207946	68.80	ng		-0.02
44) 2-Fluorobiphenyl	8.97	172	1361480	82.44	ng		-0.01
78) Terphenyl-d14	12.70	244	1371355	85.62	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.02	88	158527	38.33	ng	#	74
3) Pyridine	2.66	79	365682	36.55	ng	#	66
4) n-Nitrosodimethylamine	2.62	42	285331	40.24	ng	#	48
6) Aniline	6.26	93	532003	38.84	ng		92
8) 2-Chlorophenol	6.39	128	381811	39.03	ng		99
9) Benzaldehyde	6.14	77	202747	33.39	ng		97
10) Phenol	6.27	94	466030	34.38	ng	#	66
11) bis(2-Chloroethyl)ether	6.34	93	408992	40.18	ng		90
12) 1,3-Dichlorobenzene	6.52	146	394196m	37.91	ng		
13) 1,4-Dichlorobenzene	6.62	146	403705	37.94	ng		99
14) 1,2-Dichlorobenzene	6.76	146	384327	41.26	ng		99
15) Benzyl Alcohol	6.76	79	313189	39.01	ng		97
16) 2,2'-oxybis(1-Chloropropan	6.88	45	837287	40.01	ng		77
17) 2-Methylphenol	6.89	107	300556	37.41	ng	#	81
18) Hexachloroethane	7.11	117	157570	38.74	ng	#	79
19) n-Nitroso-di-n-propylamine	7.03	70	297852	36.33	ng	#	67
20) 3+4-Methylphenols	7.04	107	423130	39.93	ng	#	62
22) Acetophenone	7.02	105	564104	39.41	ng	#	94
24) Nitrobenzene	7.19	77	433004	33.79	ng		93
25) Isophorone	7.43	82	790996	36.82	ng		96
26) 2-Nitrophenol	7.51	139	208120	39.21	ng	#	75
27) 2,4-Dimethylphenol	7.56	122	333765	36.85	ng		89
28) bis(2-Chloroethoxy)methane	7.66	93	442307	37.50	ng		99
29) 2,4-Dichlorophenol	7.76	162	313771	39.31	ng		96
30) 1,2,4-Trichlorobenzene	7.83	180	329761	37.23	ng		95
31) Naphthalene	7.91	128	1147633	40.16	ng		99
32) Benzoic acid	7.72	122	221764	41.07	ng	#	77
33) 4-Chloroaniline	7.98	127	430233	36.22	ng		98
34) Hexachlorobutadiene	8.02	225	183135	36.43	ng		98
35) Caprolactam	8.36	113	109530	41.21	ng		97
36) 4-Chloro-3-methylphenol	8.48	107	349032	36.25	ng		95
37) 2-Methylnaphthalene	8.59	142	637422m	34.87	ng		
39) 1,2,4,5-Tetrachlorobenzene	8.76	216	326981	40.93	ng		98
40) Hexachlorocyclopentadiene	8.75	237	91722	34.67	ng		93

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.89	196	207355	40.02	ng		93
43) 2,4,5-Trichlorophenol	8.94	196	218957	40.68	ng	#	93
45) 1,1'-Biphenyl	9.06	154	865862	38.18	ng		96
46) 2-Chloronaphthalene	9.08	162	668571	38.40	ng		94
47) 2-Nitroaniline	9.20	65	276189	41.40	ng		89
48) Acenaphthylene	9.50	152	1037264	39.02	ng		99
49) Dimethylphthalate	9.37	163	796775	38.19	ng		99
50) 2,6-Dinitrotoluene	9.44	165	169867	37.49	ng	#	85
51) Acenaphthene	9.67	154	656795	39.54	ng		98
52) 3-Nitroaniline	9.61	138	200250	40.83	ng		87
53) 2,4-Dinitrophenol	9.72	184	86289	36.01	ng		91
54) Dibenzofuran	9.84	168	835225	38.89	ng		96
55) 4-Nitrophenol	9.80	139	81840m	36.40	ng		
56) 2,4-Dinitrotoluene	9.84	165	201860	34.79	ng	#	45
57) Fluorene	10.18	166	737976	42.77	ng		99
58) 2,3,4,6-Tetrachlorophenol	9.96	232	152192	36.31	ng		96
59) Diethylphthalate	10.07	149	717257	36.01	ng		99
60) 4-Chlorophenyl-phenylether	10.17	204	304647	37.24	ng		92
61) 4-Nitroaniline	10.23	138	211724	43.72	ng		81
62) Azobenzene	10.33	77	804008	35.03	ng		82
64) 4,6-Dinitro-2-methylphenol	10.25	198	122635	37.41	ng	#	36
65) n-Nitrosodiphenylamine	10.30	169	570074	36.39	ng		100
66) 4-Bromophenyl-phenylether	10.66	248	200324	39.14	ng		94
67) Hexachlorobenzene	10.73	284	230680	38.87	ng	#	95
68) Atrazine	10.83	200	174561	34.16	ng		96
69) Pentachlorophenol	10.94	266	85519	38.36	ng		97
70) Phenanthrene	11.13	178	1008059	37.34	ng		100
71) Anthracene	11.19	178	1112346	40.74	ng		100
72) Carbazole	11.35	167	882612	35.38	ng		98
73) Di-n-butylphthalate	11.69	149	1159569	40.47	ng		99
74) Fluoranthene	12.32	202	1136424	42.01	ng		93
76) Benzidine	12.44	184	422509	42.19	ng		97
77) Pyrene	12.55	202	1102637	42.12	ng		99
79) Butylbenzylphthalate	13.18	149	502800	45.50	ng		92
80) Benzo(a)anthracene	13.73	228	855014	40.81	ng		99
81) 3,3'-Dichlorobenzidine	13.70	252	594230	44.57	ng		97
82) Chrysene	13.77	228	930050	45.88	ng		99
83) Bis(2-ethylhexyl)phthalate	13.74	149	595418	44.27	ng		98
84) Di-n-octyl phthalate	14.34	149	996643	43.02	ng	#	83
85) Indeno(1,2,3-cd)pyrene	16.34	276	694347	39.03	ng		95
87) Benzo(b)fluoranthene	14.73	252	830225m	37.42	ng		
88) Benzo(k)fluoranthene	14.75	252	659470m	39.93	ng		
89) Benzo(a)pyrene	15.04	252	693454	37.39	ng	#	96
90) Dibenzo(a,h)anthracene	16.34	278	574452	36.79	ng		99
91) Benzo(g,h,i)perylene	16.71	276	580345	36.80	ng	#	93

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

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