Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF081916\
Data File : BF089792.D
Acq On : 19 Aug 2016 13:42
Operator : UM/SJ
Sample : SSTDICV040
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
ICVBF081916

Manual Integrations APPROVED
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8/19/2016 4:51:37 PM

Quant Time: Aug 19 14:11:14 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 19 14:02:57 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.68	152	616443	20.00	ng		0.00
21) Naphthalene-d8	7.98	136	2493427	20.00	ng		0.00
38) Acenaphthene-d10	9.72	164	1157647	20.00	ng		0.01
63) Phenanthrene-d10	11.20	188	2076294	20.00	ng		0.01
75) Chrysene-d12	13.95	240	1274507	20.00	ng		0.08
86) Perylene-d12	15.58	264	1099350	20.00	ng		0.21
System Monitoring Compounds							
5) 2-Fluorophenol	5.26	112	2589818	72.05	ng		0.00
7) Phenol-d6	6.32	99	3559676	80.67	ng		0.00
23) Nitrobenzene-d5	7.26	82	2788082	69.47	ng		0.00
41) 2,4,6-Tribromophenol	10.51	330	885127	80.45	ng		0.01
44) 2-Fluorobiphenyl	9.05	172	4631366	70.31	ng		0.00
78) Terphenyl-d14	12.81	244	3853255	68.40	ng		0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	2.16	88	673462	37.86	ng		96
3) Pyridine	2.81	79	1876083	40.21	ng		93
4) n-Nitrosodimethylamine	2.76	42	695368	40.03	ng		83
6) Aniline	6.34	93	2284506	38.60	ng	#	47
8) 2-Chlorophenol	6.47	128	1676129	38.99	ng		88
9) Benzaldehyde	6.23	77	1156303	40.23	ng		85
10) Phenol	6.34	94	2180732	42.17	ng		96
11) bis(2-Chloroethyl)ether	6.43	93	1680101	41.90	ng		91
12) 1,3-Dichlorobenzene	6.63	146	1877426m	41.78	ng		
13) 1,4-Dichlorobenzene	6.71	146	1867327	40.42	ng		95
14) 1,2-Dichlorobenzene	6.86	146	1573183m	36.48	ng		
15) Benzyl Alcohol	6.83	79	1091190	37.29	ng		95
16) 2,2'-oxybis(1-Chloropropan	6.98	45	2072307	40.38	ng		92
17) 2-Methylphenol	6.95	107	1281851	38.07	ng		97
18) Hexachloroethane	7.20	117	632845	38.41	ng	#	85
19) n-Nitroso-di-n-propylamine	7.12	70	1152062	40.82	ng	#	89
20) 3+4-Methylphenols	7.11	107	1387411	33.61	ng		90
22) Acetophenone	7.11	105	2194588	38.33	ng	#	88
24) Nitrobenzene	7.28	77	1881232	41.78	ng	#	87
25) Isophorone	7.52	82	3034000	37.48	ng	#	94
26) 2-Nitrophenol	7.59	139	798815	35.56	ng	#	78
27) 2,4-Dimethylphenol	7.63	122	1415652	34.96	ng		94
28) bis(2-Chloroethoxy)methane	7.74	93	1810210	36.14	ng		96
29) 2,4-Dichlorophenol	7.83	162	1221604	35.96	ng		91
30) 1,2,4-Trichlorobenzene	7.92	180	1449033	38.56	ng		98
31) Naphthalene	8.00	128	4450308	38.19	ng		97
32) Benzoic acid	7.77	122	1261530	39.98	ng		97
33) 4-Chloroaniline	8.04	127	1761975	34.88	ng	#	90
34) Hexachlorobutadiene	8.12	225	770808	39.17	ng		98
35) Caprolactam	8.43	113	421460	40.73	ng		97
36) 4-Chloro-3-methylphenol	8.54	107	1453925	39.51	ng		93
37) 2-Methylnaphthalene	8.68	142	2735156	36.28	ng		97
39) 1,2,4,5-Tetrachlorobenzene	8.86	216	1537750	41.02	ng	#	96
40) Hexachlorocyclopentadiene	8.84	237	540088	41.50	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.96	196	899929	38.16	ng		98
43) 2,4,5-Trichlorophenol	9.00	196	950680	40.53	ng	#	92
45) 1,1'-Biphenyl	9.15	154	3574861	39.90	ng		94
46) 2-Chloronaphthalene	9.18	162	2863602	40.44	ng	#	90
47) 2-Nitroaniline	9.27	65	915907	45.35	ng	#	86
48) Acenaphthylene	9.59	152	4468106	41.99	ng		98
49) Dimethylphthalate	9.46	163	3267556	40.09	ng		98
50) 2,6-Dinitrotoluene	9.52	165	778054	41.34	ng	#	70
51) Acenaphthene	9.76	154	2957460	41.99	ng		99
52) 3-Nitroaniline	9.68	138	904607	43.39	ng		93
53) 2,4-Dinitrophenol	9.78	184	363047	41.88	ng	#	68
54) Dibenzofuran	9.93	168	3614194	40.86	ng		94
55) 4-Nitrophenol	9.84	139	784831	46.12	ng		92
56) 2,4-Dinitrotoluene	9.91	165	838824	34.35	ng	#	63
57) Fluorene	10.27	166	2900600	41.15	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.04	232	703481	41.21	ng		99
59) Diethylphthalate	10.16	149	3176916	38.37	ng		98
60) 4-Chlorophenyl-phenylether	10.26	204	1215698	37.81	ng		91
61) 4-Nitroaniline	10.28	138	833640	42.65	ng		96
62) Azobenzene	10.42	77	2920695	37.52	ng		95
64) 4,6-Dinitro-2-methylphenol	10.32	198	525614	44.05	ng	#	75
65) n-Nitrosodiphenylamine	10.39	169	2548537	39.04	ng		98
66) 4-Bromophenyl-phenylether	10.75	248	805571	37.01	ng	#	79
67) Hexachlorobenzene	10.81	284	867276	34.92	ng	#	76
68) Atrazine	10.92	200	769362	38.48	ng		92
69) Pentachlorophenol	11.00	266	611626	43.45	ng		97
70) Phenanthrene	11.22	178	3717531	35.45	ng		94
71) Anthracene	11.28	178	4171868	39.14	ng		100
72) Carbazole	11.43	167	3303992	34.56	ng		97
73) Di-n-butylphthalate	11.78	149	4662059	38.97	ng		97
74) Fluoranthene	12.41	202	3547478	35.56	ng		93
76) Benzidine	12.55	184	1812731	43.95	ng		99
77) Pyrene	12.65	202	4080449	39.32	ng		97
79) Butylbenzylphthalate	13.34	149	1951904	41.64	ng		97
80) Benzo(a)anthracene	13.94	228	2789148	38.21	ng		99
81) 3,3'-Dichlorobenzidine	13.92	252	969029	40.50	ng	#	93
82) Chrysene	13.99	228	2453332	39.21	ng		99
83) Bis(2-ethylhexyl)phthalate	13.99	149	2526040	39.12	ng		98
84) Di-n-octyl phthalate	14.72	149	3617490	42.16	ng	#	95
85) Indeno(1,2,3-cd)pyrene	16.89	276	2912461	36.48	ng		99
87) Benzo(b)fluoranthene	15.15	252	2306605	38.14	ng	#	96
88) Benzo(k)fluoranthene	15.19	252	2328619m	42.44	ng		
89) Benzo(a)pyrene	15.52	252	2302362	40.22	ng	#	95
90) Dibenzo(a,h)anthracene	16.93	278	2459974	39.59	ng		96
91) Benzo(g,h,i)perylene	17.28	276	2510792	38.37	ng		99

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

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