Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF081916\
Data File : BF089788.D
Acq On : 19 Aug 2016 11:15
Operator : UM/SJ
Sample : SSTDICCC040
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Manual Integrations APPROVED
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8/19/2016 4:51:26 PM

Quant Time: Aug 19 11:59:49 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 11:53:44 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.68	152	539351	20.00	ng		0.00
21) Naphthalene-d8	7.98	136	2186756	20.00	ng		0.00
38) Acenaphthene-d10	9.71	164	989575	20.00	ng		0.00
63) Phenanthrene-d10	11.19	188	1792084	20.00	ng		0.00
75) Chrysene-d12	13.87	240	1110287	20.00	ng		0.00
86) Perylene-d12	15.37	264	957650	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.26	112	2392776	74.02	ng		0.00
7) Phenol-d6	6.32	99	3235865	78.70	ng		0.00
23) Nitrobenzene-d5	7.26	82	2685969	75.00	ng		0.00
41) 2,4,6-Tribromophenol	10.50	330	750093	78.35	ng		0.00
44) 2-Fluorobiphenyl	9.05	172	4227545	68.55	ng		0.00
78) Terphenyl-d14	12.79	244	3952508	106.35	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.16	88	616750	36.96	ng		95
3) Pyridine	2.81	79	1733562	40.31	ng		92
4) n-Nitrosodimethylamine	2.76	42	633044	36.68	ng	#	83
6) Aniline	6.34	93	2091373	37.84	ng	#	59
8) 2-Chlorophenol	6.47	128	1546706	40.23	ng		88
9) Benzaldehyde	6.23	77	1079230	39.60	ng		86
10) Phenol	6.34	94	1914164	37.40	ng		90
11) bis(2-Chloroethyl)ether	6.43	93	1512806	39.90	ng		92
12) 1,3-Dichlorobenzene	6.63	146	1698819m	41.34	ng		
13) 1,4-Dichlorobenzene	6.71	146	1732788	41.62	ng		94
14) 1,2-Dichlorobenzene	6.86	146	1493428m	37.62	ng		
15) Benzyl Alcohol	6.83	79	1051585	38.27	ng		95
16) 2,2'-oxybis(1-Chloropropan	6.98	45	1901687	38.23	ng		92
17) 2-Methylphenol	6.95	107	1170714	38.32	ng		98
18) Hexachloroethane	7.20	117	569516	37.32	ng	#	85
19) n-Nitroso-di-n-propylamine	7.12	70	1060898	39.40	ng	#	86
20) 3+4-Methylphenols	7.11	107	1326752	33.91	ng	#	81
22) Acetophenone	7.11	105	2071754	40.76	ng	#	86
24) Nitrobenzene	7.28	77	1637773	40.66	ng	#	80
25) Isophorone	7.52	82	2853049	39.82	ng	#	92
26) 2-Nitrophenol	7.59	139	738044	38.94	ng	#	79
27) 2,4-Dimethylphenol	7.63	122	1305261	36.33	ng		96
28) bis(2-Chloroethoxy)methane	7.74	93	1869487	42.94	ng		96
29) 2,4-Dichlorophenol	7.83	162	1131087	37.81	ng		92
30) 1,2,4-Trichlorobenzene	7.92	180	1343774	41.85	ng		96
31) Naphthalene	8.00	128	4072451	41.49	ng		99
32) Benzoic acid	7.76	122	1097535	39.29	ng		96
33) 4-Chloroaniline	8.04	127	1802618	39.69	ng	#	92
34) Hexachlorobutadiene	8.12	225	687489	40.75	ng		97
35) Caprolactam	8.42	113	355004	38.51	ng		92
36) 4-Chloro-3-methylphenol	8.52	107	1172446	36.00	ng		90
37) 2-Methylnaphthalene	8.68	142	2753851	41.22	ng		97
39) 1,2,4,5-Tetrachlorobenzene	8.86	216	1329449	41.79	ng	#	96
40) Hexachlorocyclopentadiene	8.84	237	498996	35.20	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.96	196	859412	41.82	ng		99
43) 2,4,5-Trichlorophenol	8.99	196	810431	41.36	ng	#	90
45) 1,1'-Biphenyl	9.15	154	3287514	40.11	ng		94
46) 2-Chloronaphthalene	9.16	162	2438030	39.70	ng		99
47) 2-Nitroaniline	9.27	65	785284	41.96	ng	#	61
48) Acenaphthylene	9.58	152	3645847	38.56	ng		98
49) Dimethylphthalate	9.46	163	2966745	41.43	ng	#	98
50) 2,6-Dinitrotoluene	9.51	165	605947	37.39	ng		88
51) Acenaphthene	9.75	154	2553203	40.02	ng		99
52) 3-Nitroaniline	9.68	138	803250	42.63	ng	#	66
53) 2,4-Dinitrophenol	9.77	184	268832	46.69	ng	#	88
54) Dibenzofuran	9.92	168	3090442	39.36	ng		98
55) 4-Nitrophenol	9.83	139	525316	36.24	ng	#	82
56) 2,4-Dinitrotoluene	9.91	165	943514	45.29	ng	#	83
57) Fluorene	10.26	166	2299547	36.25	ng		98
58) 2,3,4,6-Tetrachlorophenol	10.04	232	610565	39.90	ng		96
59) Diethylphthalate	10.16	149	3034015	41.79	ng		96
60) 4-Chlorophenyl-phenylether	10.26	204	1065735	34.22	ng		96
61) 4-Nitroaniline	10.28	138	777922	42.52	ng		98
62) Azobenzene	10.42	77	2857893	41.66	ng		96
64) 4,6-Dinitro-2-methylphenol	10.31	198	381524	36.67	ng		87
65) n-Nitrosodiphenylamine	10.38	169	2319536	41.24	ng		100
66) 4-Bromophenyl-phenylether	10.75	248	809158	43.60	ng	#	94
67) Hexachlorobenzene	10.81	284	900580	43.65	ng	#	93
68) Atrazine	10.91	200	708585	41.59	ng		97
69) Pentachlorophenol	11.00	266	523289	40.71	ng		98
70) Phenanthrene	11.22	178	3835040	43.54	ng		98
71) Anthracene	11.27	178	3443424	37.41	ng		97
72) Carbazole	11.43	167	3626274	41.58	ng		96
73) Di-n-butylphthalate	11.77	149	4099029	38.65	ng		98
74) Fluoranthene	12.40	202	3592019	40.58	ng		95
76) Benzidine	12.53	184	1578247	39.60	ng		99
77) Pyrene	12.63	202	3742644	51.51	ng		97
79) Butylbenzylphthalate	13.28	149	1638446	44.95	ng		87
80) Benzo(a)anthracene	13.86	228	2529425	39.21	ng		100
81) 3,3'-Dichlorobenzidine	13.83	252	848017	36.08	ng		98
82) Chrysene	13.90	228	2138387	36.83	ng		99
83) Bis(2-ethylhexyl)phthalate	13.89	149	2294753	47.57	ng	#	97
84) Di-n-octyl phthalate	14.57	149	3185599	42.49	ng		96
85) Indeno(1,2,3-cd)pyrene	16.66	276	2688894	54.36	ng		99
87) Benzo(b)fluoranthene	14.98	252	2237420	36.87	ng	#	94
88) Benzo(k)fluoranthene	15.01	252	1872218m	37.49	ng		
89) Benzo(a)pyrene	15.31	252	2095458	41.83	ng	#	96
90) Dibenzo(a,h)anthracene	16.69	278	2236808	56.70	ng		97
91) Benzo(g,h,i)perylene	17.04	276	2335253	58.17	ng		99

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

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