Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF081916\
Data File : BF089787.D
Acq On : 19 Aug 2016 10:48
Operator : UM/SJ
Sample : SSTDICC025
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC025

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8/19/2016 4:51:24 PM

Quant Time: Aug 19 12:05:50 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	597750	20.00	ng		0.00
21) Naphthalene-d8	7.98	136	2295311	20.00	ng		0.00
38) Acenaphthene-d10	9.71	164	1090743	20.00	ng		0.00
63) Phenanthrene-d10	11.19	188	1907399	20.00	ng		0.00
75) Chrysene-d12	13.90	240	1235117	20.00	ng		0.02
86) Perylene-d12	15.43	264	1043488	20.00	ng		0.06
System Monitoring Compounds							
5) 2-Fluorophenol	5.26	112	1903950	53.14	ng		0.00
7) Phenol-d6	6.32	99	2206737	48.43	ng		0.00
23) Nitrobenzene-d5	7.26	82	2048893	54.51	ng		0.00
41) 2,4,6-Tribromophenol	10.50	330	595780	56.46	ng		0.00
44) 2-Fluorobiphenyl	9.05	172	3653418	53.75	ng		0.00
78) Terphenyl-d14	12.79	244	2770204	67.00	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.16	88	442635	23.93	ng		92
3) Pyridine	2.80	79	1200107	25.18	ng		96
4) n-Nitrosodimethylamine	2.75	42	434712	22.72	ng		83
6) Aniline	6.34	93	1476698	24.11	ng		97
8) 2-Chlorophenol	6.47	128	1115658	26.18	ng		83
9) Benzaldehyde	6.23	77	766672	25.38	ng		81
10) Phenol	6.33	94	1341487	23.65	ng		90
11) bis(2-Chloroethyl)ether	6.42	93	905510	21.55	ng		95
12) 1,3-Dichlorobenzene	6.63	146	1187815m	26.08	ng		
13) 1,4-Dichlorobenzene	6.71	146	1172459	25.41	ng		93
14) 1,2-Dichlorobenzene	6.86	146	1148705	26.11	ng		96
15) Benzyl Alcohol	6.83	79	838006	27.52	ng		92
16) 2,2'-oxybis(1-Chloropropan	6.97	45	1333497	24.19	ng		96
17) 2-Methylphenol	6.95	107	840945	24.84	ng		97
18) Hexachloroethane	7.20	117	416475	24.63	ng	#	86
19) n-Nitroso-di-n-propylamine	7.11	70	670389	22.46	ng		91
20) 3+4-Methylphenols	7.11	107	1128204	26.02	ng	#	61
22) Acetophenone	7.10	105	1331077	24.95	ng		94
24) Nitrobenzene	7.27	77	1010299	23.89	ng		98
25) Isophorone	7.51	82	1889508	25.12	ng		99
26) 2-Nitrophenol	7.59	139	576470	28.97	ng	#	85
27) 2,4-Dimethylphenol	7.63	122	1028484	27.27	ng		98
28) bis(2-Chloroethoxy)methane	7.74	93	1210197	26.48	ng	#	96
29) 2,4-Dichlorophenol	7.83	162	877275	27.94	ng		98
30) 1,2,4-Trichlorobenzene	7.92	180	924227	27.42	ng	#	94
31) Naphthalene	7.99	128	2750263	26.69	ng		99
32) Benzoic acid	7.75	122	781566	26.66	ng		97
33) 4-Chloroaniline	8.04	127	1365635	28.65	ng	#	95
34) Hexachlorobutadiene	8.12	225	465248	26.28	ng		96
35) Caprolactam	8.41	113	266968	27.59	ng	#	80
36) 4-Chloro-3-methylphenol	8.52	107	908608	26.58	ng		95
37) 2-Methylnaphthalene	8.68	142	2023292	28.85	ng		98
39) 1,2,4,5-Tetrachlorobenzene	8.84	216	891917	25.44	ng		97
40) Hexachlorocyclopentadiene	8.84	237	331422	21.21	ng		95

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.96	196	665552	29.38	ng		99
43) 2,4,5-Trichlorophenol	8.99	196	589752	27.31	ng		95
45) 1,1'-Biphenyl	9.14	154	2178653	24.12	ng		99
46) 2-Chloronaphthalene	9.16	162	1802427	26.63	ng		98
47) 2-Nitroaniline	9.26	65	479521	23.25	ng		93
48) Acenaphthylene	9.58	152	2771235	26.59	ng		98
49) Dimethylphthalate	9.45	163	1979480	25.08	ng		99
50) 2,6-Dinitrotoluene	9.51	165	504726	28.26	ng		93
51) Acenaphthene	9.75	154	1750569	24.90	ng		100
52) 3-Nitroaniline	9.67	138	484584	23.33	ng		98
53) 2,4-Dinitrophenol	9.77	184	197795	31.17	ng		94
54) Dibenzofuran	9.92	168	2237076	25.85	ng		97
55) 4-Nitrophenol	9.83	139	462204	28.93	ng		96
56) 2,4-Dinitrotoluene	9.91	165	625886	27.26	ng		91
57) Fluorene	10.26	166	1882131	26.92	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.03	232	413328	24.50	ng		99
59) Diethylphthalate	10.15	149	2088366	26.10	ng		98
60) 4-Chlorophenyl-phenylether	10.26	204	859877	25.05	ng		99
61) 4-Nitroaniline	10.27	138	462516	22.94	ng		94
62) Azobenzene	10.42	77	2107803	27.88	ng		93
64) 4,6-Dinitro-2-methylphenol	10.31	198	303267	27.38	ng	#	80
65) n-Nitrosodiphenylamine	10.38	169	1591697	26.59	ng		100
66) 4-Bromophenyl-phenylether	10.75	248	536997	27.18	ng		99
67) Hexachlorobenzene	10.81	284	652626	29.72	ng		96
68) Atrazine	10.91	200	543262	29.96	ng		96
69) Pentachlorophenol	10.99	266	350794	25.64	ng		98
70) Phenanthrene	11.21	178	2625186	28.00	ng		99
71) Anthracene	11.27	178	2877130	29.37	ng		99
72) Carbazole	11.42	167	2436069	26.25	ng		99
73) Di-n-butylphthalate	11.77	149	3021299	26.76	ng		99
74) Fluoranthene	12.40	202	2743784	29.13	ng		99
76) Benzidine	12.53	184	1098855	24.79	ng		98
77) Pyrene	12.63	202	2730271	33.78	ng		98
79) Butylbenzylphthalate	13.29	149	1153718	28.45	ng		87
80) Benzo(a)anthracene	13.89	228	1836167	25.59	ng		99
81) 3,3'-Dichlorobenzidine	13.85	252	631139	24.14	ng	#	96
82) Chrysene	13.92	228	1636717	25.34	ng		100
83) Bis(2-ethylhexyl)phthalate	13.92	149	1679764	31.30	ng		98
84) Di-n-octyl phthalate	14.62	149	2260801	27.11	ng		95
85) Indeno(1,2,3-cd)pyrene	16.72	276	1890336	34.36	ng		98
87) Benzo(b)fluoranthene	15.03	252	1436759	21.73	ng	#	96
88) Benzo(k)fluoranthene	15.06	252	1521454m	27.96	ng		
89) Benzo(a)pyrene	15.37	252	1437584	26.34	ng		97
90) Dibenzo(a,h)anthracene	16.74	278	1573014	36.60	ng		98
91) Benzo(g,h,i)perylene	17.11	276	1614370	36.90	ng		96

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

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