Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF122116\
Data File : BF091831.D
Acq On : 21 Dec 2016 13:10
Operator : UM/SJ
Sample : SSTDICC025
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC025

Manual Integrations APPROVED
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12/22/2016 7:08:32 PM

Quant Time: Dec 21 14:27:28 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF122116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 21 14:14:16 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.75	152	281045	20.00	ng		0.00
21) Naphthalene-d8	8.04	136	1104167	20.00	ng		0.00
38) Acenaphthene-d10	9.79	164	600856	20.00	ng		0.00
63) Phenanthrene-d10	11.26	188	919323	20.00	ng		0.00
75) Chrysene-d12	13.91	240	764205	20.00	ng		0.00
86) Perylene-d12	15.30	264	642709	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.34	112	830690	49.52	ng		0.00
7) Phenol-d6	6.40	99	1017186	49.72	ng		-0.01
23) Nitrobenzene-d5	7.32	82	1093004	57.08	ng		0.00
41) 2,4,6-Tribromophenol	10.58	330	267084	52.42	ng		0.00
44) 2-Fluorobiphenyl	9.12	172	1705432	57.02	ng		0.00
78) Terphenyl-d14	12.85	244	1450762	47.93	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.30	88	205171	24.84	ng		100
3) Pyridine	2.99	79	650881	24.46	ng		96
4) n-Nitrosodimethylamine	2.93	42	259183	25.16	ng		98
6) Aniline	6.41	93	657928	24.99	ng	#	81
8) 2-Chlorophenol	6.53	128	475057	25.73	ng		99
9) Benzaldehyde	6.29	77	333699	26.30	ng		99
10) Phenol	6.41	94	559363	24.26	ng		86
11) bis(2-Chloroethyl)ether	6.49	93	462812	25.13	ng		98
12) 1,3-Dichlorobenzene	6.69	146	511105	25.20	ng		99
13) 1,4-Dichlorobenzene	6.76	146	497985	24.27	ng		99
14) 1,2-Dichlorobenzene	6.92	146	495215	27.55	ng		98
15) Benzyl Alcohol	6.90	79	415659	26.24	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.04	45	666601	23.69	ng		100
17) 2-Methylphenol	7.02	107	399422	25.88	ng		98
18) Hexachloroethane	7.26	117	194196	25.48	ng		96
19) n-Nitroso-di-n-propylamine	7.17	70	351335	25.82	ng		94
20) 3+4-Methylphenols	7.17	107	473527	27.51	ng	#	85
22) Acetophenone	7.16	105	667058	25.02	ng		97
24) Nitrobenzene	7.33	77	497452	24.19	ng		99
25) Isophorone	7.57	82	899897	24.63	ng	#	93
26) 2-Nitrophenol	7.65	139	260837	26.30	ng		97
27) 2,4-Dimethylphenol	7.70	122	400908	24.78	ng		99
28) bis(2-Chloroethoxy)methane	7.79	93	527917	24.70	ng		99
29) 2,4-Dichlorophenol	7.90	162	390213	26.15	ng		96
30) 1,2,4-Trichlorobenzene	7.98	180	418997	25.91	ng		99
31) Naphthalene	8.05	128	1325183	25.12	ng		99
32) Benzoic acid	7.82	122	320281	27.77	ng		99
33) 4-Chloroaniline	8.11	127	584005	26.28	ng		99
34) Hexachlorobutadiene	8.18	225	232119	25.53	ng		99
35) Caprolactam	8.48	113	120502	25.09	ng	#	60
36) 4-Chloro-3-methylphenol	8.60	107	427548	25.97	ng		99
37) 2-Methylnaphthalene	8.75	142	912375	27.43	ng		99
39) 1,2,4,5-Tetrachlorobenzene	8.92	216	377208	25.19	ng		100
40) Hexachlorocyclopentadiene	8.90	237	137511	21.66	ng		96

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.04	196	270325	25.26	ng		100
43) 2,4,5-Trichlorophenol	9.07	196	268359	25.53	ng		97
45) 1,1'-Biphenyl	9.22	154	1074928	24.96	ng		97
46) 2-Chloronaphthalene	9.24	162	825452	25.65	ng		96
47) 2-Nitroaniline	9.33	65	260909	23.74	ng		99
48) Acenaphthylene	9.65	152	1337047	26.81	ng		98
49) Dimethylphthalate	9.52	163	898726	22.90	ng		98
50) 2,6-Dinitrotoluene	9.58	165	216625	25.17	ng	#	77
51) Acenaphthene	9.82	154	915136	26.74	ng		99
52) 3-Nitroaniline	9.74	138	240737	22.47	ng		100
53) 2,4-Dinitrophenol	9.86	184	112202	24.14	ng		98
54) Dibenzofuran	10.00	168	1147573	28.20	ng		93
55) 4-Nitrophenol	9.92	139	172656	23.20	ng		95
56) 2,4-Dinitrotoluene	9.98	165	289860	26.96	ng		85
57) Fluorene	10.34	166	907545	28.71	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.11	232	208133	23.95	ng		99
59) Diethylphthalate	10.21	149	893312	23.15	ng		99
60) 4-Chlorophenyl-phenylether	10.33	204	383222	26.61	ng		94
61) 4-Nitroaniline	10.36	138	277979	27.38	ng		85
62) Azobenzene	10.49	77	1037907	25.28	ng		96
64) 4,6-Dinitro-2-methylphenol	10.38	198	148273	24.45	ng	#	25
65) n-Nitrosodiphenylamine	10.45	169	751282	26.32	ng		99
66) 4-Bromophenyl-phenylether	10.82	248	267459	27.74	ng	#	87
67) Hexachlorobenzene	10.89	284	274076	27.13	ng	#	87
68) Atrazine	10.98	200	234797	27.22	ng		98
69) Pentachlorophenol	11.08	266	133687	24.53	ng		99
70) Phenanthrene	11.29	178	1267607	27.59	ng		98
71) Anthracene	11.34	178	1363399	28.02	ng		98
72) Carbazole	11.50	167	1287328	30.26	ng		97
73) Di-n-butylphthalate	11.84	149	1415154	25.94	ng		98
74) Fluoranthene	12.48	202	1284215	26.77	ng		97
76) Benzidine	12.60	184	565127	25.69	ng		98
77) Pyrene	12.70	202	1350304	24.47	ng		99
79) Butylbenzylphthalate	13.33	149	615973	23.85	ng	#	82
80) Benzo(a)anthracene	13.89	228	1013329	23.18	ng		99
81) 3,3'-Dichlorobenzidine	13.86	252	424875	24.29	ng	#	97
82) Chrysene	13.93	228	1029684	22.73	ng		99
83) Bis(2-ethylhexyl)phthalate	13.89	149	731758	22.33	ng	#	98
84) Di-n-octyl phthalate	14.50	149	1309979	21.70	ng		98
85) Indeno(1,2,3-cd)pyrene	16.64	276	836183	18.77	ng		99
87) Benzo(b)fluoranthene	14.91	252	1183670m	29.04	ng		
88) Benzo(k)fluoranthene	14.93	252	740814m	25.91	ng		
89) Benzo(a)pyrene	15.24	252	899269	25.71	ng		97
90) Dibenzo(a,h)anthracene	16.65	278	720445	23.63	ng		97
91) Benzo(g,h,i)perylene	17.04	276	721628	23.29	ng		97

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

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