Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF121716\
Data File : BF091718.D
Acq On : 17 Dec 2016 16:39
Operator : UM/SJ
Sample : SSTDICV040
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : ICVBF121716

Manual Integrations APPROVED
umangi
12/20/2016 11:40:24 AM

Quant Time: Dec 17 23:57:25 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF121716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Dec 17 22:53:54 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.77	152	334793	20.00	ng		0.00
21) Naphthalene-d8	8.06	136	1328878	20.00	ng		0.00
38) Acenaphthene-d10	9.81	164	719157	20.00	ng		0.00
63) Phenanthrene-d10	11.29	188	1132299	20.00	ng		0.00
75) Chrysene-d12	13.93	240	831331	20.00	ng		0.00
86) Perylene-d12	15.33	264	914230	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.37	112	1514047	75.77	ng		0.00
7) Phenol-d6	6.42	99	1813767	74.42	ng		0.00
23) Nitrobenzene-d5	7.34	82	1906539	82.74	ng		0.00
41) 2,4,6-Tribromophenol	10.60	330	439641	72.09	ng		0.00
44) 2-Fluorobiphenyl	9.14	172	2740067	76.55	ng		0.00
78) Terphenyl-d14	12.88	244	2549804	77.44	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.32	88	373503	37.95	ng		99
3) Pyridine	3.00	79	1204827	38.00	ng		98
4) n-Nitrosodimethylamine	2.97	42	469468	38.26	ng		99
6) Aniline	6.43	93	1163353	37.10	ng		97
8) 2-Chlorophenol	6.56	128	827488	37.62	ng		99
9) Benzaldehyde	6.32	77	567287	39.82	ng		98
10) Phenol	6.43	94	1083848	39.46	ng		99
11) bis(2-Chloroethyl)ether	6.51	93	793127	36.15	ng		100
12) 1,3-Dichlorobenzene	6.70	146	894053	37.01	ng	#	87
13) 1,4-Dichlorobenzene	6.78	146	870656	35.62	ng		99
14) 1,2-Dichlorobenzene	6.94	146	861581	40.24	ng		99
15) Benzyl Alcohol	6.92	79	717795	38.04	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.06	45	1286209	38.37	ng		99
17) 2-Methylphenol	7.04	107	682664	37.14	ng		99
18) Hexachloroethane	7.29	117	358372	39.46	ng		97
19) n-Nitroso-di-n-propylamine	7.20	70	579325	35.74	ng		100
20) 3+4-Methylphenols	7.20	107	795832	38.81	ng		94
22) Acetophenone	7.18	105	1187932	37.02	ng		99
24) Nitrobenzene	7.36	77	866486	35.02	ng		100
25) Isophorone	7.61	82	1722120	39.17	ng		100
26) 2-Nitrophenol	7.68	139	475466	39.83	ng		98
27) 2,4-Dimethylphenol	7.72	122	749747	38.50	ng		99
28) bis(2-Chloroethoxy)methane	7.81	93	958584	37.26	ng		99
29) 2,4-Dichlorophenol	7.92	162	668839	37.24	ng		87
30) 1,2,4-Trichlorobenzene	8.00	180	755501	38.81	ng	#	94
31) Naphthalene	8.08	128	2295007	36.15	ng		100
32) Benzoic acid	7.87	122	608910	43.88	ng		98
33) 4-Chloroaniline	8.13	127	1051345	39.31	ng		100
34) Hexachlorobutadiene	8.20	225	420512	38.42	ng		100
35) Caprolactam	8.52	113	235737	40.79	ng		96
36) 4-Chloro-3-methylphenol	8.62	107	790834	39.91	ng		97
37) 2-Methylnaphthalene	8.77	142	1617919	40.42	ng		100
39) 1,2,4,5-Tetrachlorobenzene	8.94	216	667030	37.21	ng		100
40) Hexachlorocyclopentadiene	8.92	237	319788	42.09	ng		95

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.06	196	487552	38.07	ng		99
43) 2,4,5-Trichlorophenol	9.09	196	482595	38.35	ng		97
45) 1,1'-Biphenyl	9.24	154	1996553	38.74	ng		99
46) 2-Chloronaphthalene	9.26	162	1491945	38.73	ng		98
47) 2-Nitroaniline	9.36	65	473164	35.98	ng		99
48) Acenaphthylene	9.68	152	2291245	38.39	ng		100
49) Dimethylphthalate	9.55	163	1847774	39.33	ng		100
50) 2,6-Dinitrotoluene	9.61	165	434803	42.21	ng		91
51) Acenaphthene	9.85	154	1563313	38.16	ng		99
52) 3-Nitroaniline	9.77	138	450071	35.10	ng		98
53) 2,4-Dinitrophenol	9.87	184	220852	39.69	ng	#	47
54) Dibenzofuran	10.02	168	1944109	39.91	ng		100
55) 4-Nitrophenol	9.94	139	337493	37.90	ng		100
56) 2,4-Dinitrotoluene	10.01	165	548004	42.59	ng		96
57) Fluorene	10.36	166	1562430	41.30	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.13	232	390685	37.56	ng		99
59) Diethylphthalate	10.24	149	1671671	36.20	ng		100
60) 4-Chlorophenyl-phenylether	10.35	204	619847	35.97	ng		100
61) 4-Nitroaniline	10.38	138	451215	37.14	ng		99
62) Azobenzene	10.51	77	1783471	36.30	ng		100
64) 4,6-Dinitro-2-methylphenol	10.42	198	332179	44.48	ng		92
65) n-Nitrosodiphenylamine	10.48	169	1402999	39.90	ng		99
66) 4-Bromophenyl-phenylether	10.84	248	466031	39.25	ng		96
67) Hexachlorobenzene	10.91	284	520749	41.85	ng	#	91
68) Atrazine	11.00	200	387140	36.43	ng		98
69) Pentachlorophenol	11.10	266	294199	43.82	ng		99
70) Phenanthrene	11.32	178	2389576	42.24	ng		99
71) Anthracene	11.37	178	2099623	35.04	ng		100
72) Carbazole	11.53	167	2180750	41.62	ng		100
73) Di-n-butylphthalate	11.86	149	2519098	37.50	ng		100
74) Fluoranthene	12.50	202	2187374	37.02	ng		99
76) Benzidine	12.63	184	947130	39.58	ng		97
77) Pyrene	12.73	202	2229557	37.14	ng		99
79) Butylbenzylphthalate	13.36	149	1154098	41.07	ng		96
80) Benzo(a)anthracene	13.92	228	1865392	39.23	ng		100
81) 3,3'-Dichlorobenzidine	13.88	252	716270	37.64	ng		99
82) Chrysene	13.96	228	2011808	40.82	ng		99
83) Bis(2-ethylhexyl)phthalate	13.92	149	1333259	37.41	ng		99
84) Di-n-octyl phthalate	14.53	149	2735902	41.65	ng		99
85) Indeno(1,2,3-cd)pyrene	16.68	276	1953849	40.32	ng		99
87) Benzo(b)fluoranthene	14.93	252	2488674m	42.93	ng		
88) Benzo(k)fluoranthene	14.97	252	1327588m	32.64	ng		
89) Benzo(a)pyrene	15.28	252	1827704	36.73	ng		100
90) Dibenzo(a,h)anthracene	16.71	278	1632221	37.63	ng		99
91) Benzo(g,h,i)perylene	17.09	276	1655116	37.55	ng		96

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

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