Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF071817\
Data File : BF096861.D
Acq On : 18 Jul 2017 23:20
Operator : SJ/JU
Sample : PB100719BS
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB100719BS

Manual Integrations APPROVED
mohammad
7/19/2017 2:32:05 PM

Quant Time: Jul 19 03:32:54 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF071317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 18 13:33:22 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.60	152	79350	20.00	ng		0.00
21) Naphthalene-d8	7.89	136	309684	20.00	ng		0.00
38) Acenaphthene-d10	9.63	164	116448	20.00	ng		0.00
63) Phenanthrene-d10	11.10	188	168423	20.00	ng		0.00
75) Chrysene-d12	13.73	240	150962	20.00	ng		0.00
86) Perylene-d12	15.10	264	112343	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.22	112	415880	78.80	ng		0.02
7) Phenol-d6	6.25	99	524385	82.80	ng		0.00
23) Nitrobenzene-d5	7.17	82	386469	77.30	ng		0.00
41) 2,4,6-Tribromophenol	10.42	330	70181	70.61	ng		0.00
44) 2-Fluorobiphenyl	8.96	172	691551	93.83	ng		0.00
78) Terphenyl-d14	12.69	244	448390	51.51	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.26	88	99063	36.481	ng	#	74
3) Pyridine	2.92	79	222114	38.920	ng	#	62
4) n-Nitrosodimethylamine	2.86	42	127541	39.963	ng	#	77
6) Aniline	6.26	93	179171	22.968	ng	#	39
8) 2-Chlorophenol	6.39	128	239237	42.021	ng		95
9) Benzaldehyde	6.14	77	93465	25.534	ng		99
10) Phenol	6.26	94	279927	39.100	ng		87
11) bis(2-Chloroethyl)ether	6.34	93	226129	42.003	ng		93
12) 1,3-Dichlorobenzene	6.54	146	220987	36.516	ng		97
13) 1,4-Dichlorobenzene	6.62	146	220399	35.962	ng		95
14) 1,2-Dichlorobenzene	6.77	146	204187	36.630	ng		99
15) Benzyl Alcohol	6.75	79	148420	35.797	ng		98
16) 2,2'-oxybis(1-Chloropropan	6.89	45	393931	35.455	ng		94
17) 2-Methylphenol	6.87	107	154039	34.793	ng		95
18) Hexachloroethane	7.11	117	59824	27.528	ng	#	81
19) n-Nitroso-di-n-propylamine	7.02	70	132775	34.800	ng	#	85
20) 3+4-Methylphenols	7.03	107	197420	36.747	ng	#	64
22) Acetophenone	7.01	105	268876	38.846	ng		96
24) Nitrobenzene	7.18	77	186171	36.004	ng		94
25) Isophorone	7.43	82	337927	36.333	ng		94
26) 2-Nitrophenol	7.50	139	72182	25.105	ng	#	87
27) 2,4-Dimethylphenol	7.55	122	175901	37.188	ng		95
28) bis(2-Chloroethoxy)methane	7.64	93	235698	37.503	ng		99
29) 2,4-Dichlorophenol	7.75	162	150413	35.130	ng		99
30) 1,2,4-Trichlorobenzene	7.83	180	154584	37.973	ng		99
31) Naphthalene	7.90	128	556708	37.948	ng		99
32) Benzoic acid	7.67	122	64556	21.354	ng		89
33) 4-Chloroaniline	7.96	127	121407	20.888	ng		97
34) Hexachlorobutadiene	8.03	225	83161	38.267	ng		98
35) Caprolactam	8.32	113	47802m	34.844	ng		
36) 4-Chloro-3-methylphenol	8.45	107	149292	32.428	ng		90
37) 2-Methylnaphthalene	8.60	142	358982	38.382	ng		97
39) 1,2,4,5-Tetrachlorobenzene	8.76	216	128714	40.890	ng		98
40) Hexachlorocyclopentadiene	8.75	237	6971	10.505	ng		92

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.88	196	85048	36.628	ng		99
43) 2,4,5-Trichlorophenol	8.92	196	84942	36.272	ng		98
45) 1,1'-Biphenyl	9.06	154	395221	39.573	ng		98
46) 2-Chloronaphthalene	9.08	162	292936	39.833	ng		94
47) 2-Nitroaniline	9.18	65	101710	40.236	ng		90
48) Acenaphthylene	9.49	152	444414	37.928	ng		100
49) Dimethylphthalate	9.36	163	357064	40.723	ng		99
50) 2,6-Dinitrotoluene	9.42	165	60794	32.011	ng	#	87
51) Acenaphthene	9.66	154	256053	36.992	ng		99
52) 3-Nitroaniline	9.59	138	92019	40.900	ng		89
53) 2,4-Dinitrophenol	9.70	184	2112	8.797	ng	#	75
54) Dibenzofuran	9.83	168	378614	39.033	ng		100
55) 4-Nitrophenol	9.76	139	84700	51.530	ng	#	68
56) 2,4-Dinitrotoluene	9.83	165	65042	26.652	ng	#	79
57) Fluorene	10.17	166	273600	38.170	ng		99
58) 2,3,4,6-Tetrachlorophenol	9.96	232	59740	36.784	ng	#	96
59) Diethylphthalate	10.06	149	334327	39.168	ng		99
60) 4-Chlorophenyl-phenylether	10.17	204	121387	39.588	ng		93
61) 4-Nitroaniline	10.19	138	86906	41.134	ng		92
62) Azobenzene	10.33	77	276148	36.672	ng		90
64) 4,6-Dinitro-2-methylphenol	10.24	198	2622	2.480	ng		91
65) n-Nitrosodiphenylamine	10.29	169	249294	41.408	ng		97
66) 4-Bromophenyl-phenylether	10.66	248	70296	40.881	ng		99
67) Hexachlorobenzene	10.73	284	70182	36.646	ng	#	91
68) Atrazine	10.82	200	68650	40.024	ng		95
69) Pentachlorophenol	10.92	266	53276	57.583	ng		98
70) Phenanthrene	11.13	178	362278	39.560	ng		97
71) Anthracene	11.18	178	373429	40.331	ng		98
72) Carbazole	11.34	167	342390	38.186	ng		99
73) Di-n-butylphthalate	11.68	149	463752	41.530	ng		98
74) Fluoranthene	12.31	202	366593	41.822	ng		99
76) Benzidine	12.44	184	328885	66.501	ng	#	93
77) Pyrene	12.54	202	380640	27.783	ng		99
79) Butylbenzylphthalate	13.17	149	216533	33.264	ng		89
80) Benzo(a)anthracene	13.72	228	348210	37.020	ng		100
81) 3,3'-Dichlorobenzidine	13.69	252	133808	39.560	ng	#	97
82) Chrysene	13.76	228	339065	36.616	ng		98
83) Bis(2-ethylhexyl)phthalate	13.73	149	286625	36.156	ng		99
84) Di-n-octyl phthalate	14.34	149	539206	41.148	ng	#	93
85) Indeno(1,2,3-cd)pyrene	16.39	276	199982	25.072	ng		100
87) Benzo(b)fluoranthene	14.73	252	279092	41.191	ng		98
88) Benzo(k)fluoranthene	14.75	252	252759m	39.395	ng		
89) Benzo(a)pyrene	15.05	252	243119	39.122	ng		99
90) Dibenzo(a,h)anthracene	16.40	278	166719	29.156	ng		98
91) Benzo(g,h,i)perylene	16.77	276	168042	27.443	ng		96

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

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