Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF071717\
Data File : BF096823.D
Acq On : 17 Jul 2017 16:59
Operator : SJ/JU
Sample : I4196-01MSD
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : FK-PS-01-012MSD

Manual Integrations APPROVED
mohammad
7/20/2017 8:38:22 AM

Quant Time: Jul 17 18:58:41 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF071317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jul 17 18:17:21 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.61	152	125309	20.00	ng		0.00
21) Naphthalene-d8	7.90	136	476075	20.00	ng		0.00
38) Acenaphthene-d10	9.64	164	218785	20.00	ng		0.00
63) Phenanthrene-d10	11.12	188	274513	20.00	ng		0.00
75) Chrysene-d12	13.74	240	170523	20.00	ng		0.00
86) Perylene-d12	15.11	264	190571	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.23	112	896134	107.53	ng		0.02
7) Phenol-d6	6.27	99	1163785	116.37	ng		0.01
23) Nitrobenzene-d5	7.18	82	725708	94.42	ng		0.00
41) 2,4,6-Tribromophenol	10.43	330	185265	99.20	ng		0.00
44) 2-Fluorobiphenyl	8.97	172	1192983	86.15	ng		0.00
78) Terphenyl-d14	12.70	244	633716	64.45	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.27	88	134674	31.405	ng	#	77
3) Pyridine	2.94	79	356777	39.588	ng	#	63
4) n-Nitrosodimethylamine	2.88	42	222217	44.091	ng	#	78
6) Aniline	6.28	93	404131	32.805	ng	#	23
8) 2-Chlorophenol	6.40	128	381660	42.450	ng		93
9) Benzaldehyde	6.16	77	197153	34.107	ng		99
10) Phenol	6.29	94	456609	40.387	ng		95
11) bis(2-Chloroethyl)ether	6.36	93	382367	44.974	ng		91
12) 1,3-Dichlorobenzene	6.56	146	402792	42.147	ng		98
13) 1,4-Dichlorobenzene	6.63	146	361816	37.384	ng		97
14) 1,2-Dichlorobenzene	6.79	146	331873	37.700	ng		97
15) Benzyl Alcohol	6.76	79	262072	40.025	ng		98
16) 2,2'-oxybis(1-Chloropropan	6.90	45	674603	38.448	ng		100
17) 2-Methylphenol	6.89	107	270822	38.736	ng		96
18) Hexachloroethane	7.13	117	132927	38.733	ng	#	86
19) n-Nitroso-di-n-propylamine	7.04	70	250721	41.612	ng	#	83
20) 3+4-Methylphenols	7.04	107	358916	42.305	ng	#	72
22) Acetophenone	7.03	105	510396	47.968	ng		99
24) Nitrobenzene	7.20	77	384564	48.378	ng		95
25) Isophorone	7.45	82	677584	47.390	ng		95
26) 2-Nitrophenol	7.52	139	180348	40.803	ng	#	88
27) 2,4-Dimethylphenol	7.57	122	305082	41.956	ng		95
28) bis(2-Chloroethoxy)methane	7.66	93	414526	42.904	ng		100
29) 2,4-Dichlorophenol	7.76	162	276787	42.052	ng		96
30) 1,2,4-Trichlorobenzene	7.84	180	267214	42.698	ng		97
31) Naphthalene	7.92	128	953917	42.297	ng		100
32) Benzoic acid	7.69	122	84725	18.230	ng		93
33) 4-Chloroaniline	7.97	127	299574	33.527	ng		98
34) Hexachlorobutadiene	8.04	225	139948	41.890	ng		97
35) Caprolactam	8.35	113	87679m	41.573	ng		
36) 4-Chloro-3-methylphenol	8.46	107	285262	40.306	ng		87
37) 2-Methylnaphthalene	8.61	142	643634	44.765	ng		99
39) 1,2,4,5-Tetrachlorobenzene	8.77	216	254551	43.040	ng		99
40) Hexachlorocyclopentadiene	8.76	237	85562	41.053	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.89	196	185732	42.574	ng		95
43) 2,4,5-Trichlorophenol	8.93	196	187862	42.698	ng		96
45) 1,1'-Biphenyl	9.07	154	715372	38.125	ng		99
46) 2-Chloronaphthalene	9.09	162	541557	39.195	ng	#	92
47) 2-Nitroaniline	9.19	65	198498	41.795	ng		92
48) Acenaphthylene	9.50	152	929450	42.219	ng		99
49) Dimethylphthalate	9.38	163	897923	54.506	ng		99
50) 2,6-Dinitrotoluene	9.43	165	153511	43.022	ng	#	77
51) Acenaphthene	9.67	154	473688	36.423	ng		100
52) 3-Nitroaniline	9.60	138	151300	35.793	ng		92
53) 2,4-Dinitrophenol	9.71	184	38816	26.860	ng	#	72
54) Dibenzofuran	9.85	168	694998	38.136	ng		98
55) 4-Nitrophenol	9.78	139	198439	64.257	ng	#	71
56) 2,4-Dinitrotoluene	9.84	165	162859	35.519	ng	#	77
57) Fluorene	10.19	166	493043	36.611	ng		98
58) 2,3,4,6-Tetrachlorophenol	9.97	232	119790	39.258	ng	#	97
59) Diethylphthalate	10.07	149	604549	37.697	ng		100
60) 4-Chlorophenyl-phenylether	10.18	204	217336	37.192	ng		98
61) 4-Nitroaniline	10.21	138	140245	35.331	ng		92
62) Azobenzene	10.34	77	536585	37.927	ng		93
64) 4,6-Dinitro-2-methylphenol	10.25	198	37847	21.959	ng		89
65) n-Nitrosodiphenylamine	10.30	169	470345	47.932	ng		98
66) 4-Bromophenyl-phenylether	10.67	248	136567	48.727	ng		98
67) Hexachlorobenzene	10.74	284	135743	43.486	ng	#	93
68) Atrazine	10.83	200	133382	47.710	ng		94
69) Pentachlorophenol	10.93	266	115323	76.475	ng		98
70) Phenanthrene	11.14	178	651486	43.647	ng		99
71) Anthracene	11.19	178	663680	43.977	ng		99
72) Carbazole	11.35	167	603414	41.289	ng		99
73) Di-n-butylphthalate	11.69	149	849662	46.683	ng		99
74) Fluoranthene	12.32	202	550430	38.527	ng		98
76) Benzidine	12.44	184	346921	62.101	ng	#	92
77) Pyrene	12.54	202	563816	36.432	ng		99
79) Butylbenzylphthalate	13.17	149	281274	76.505	ng	#	85
80) Benzo(a)anthracene	13.73	228	450698	42.419	ng		99
81) 3,3'-Dichlorobenzidine	13.69	252	171254	44.822	ng		97
82) Chrysene	13.77	228	453958	43.400	ng		99
83) Bis(2-ethylhexyl)phthalate	13.74	149	355619	39.713	ng		99
84) Di-n-octyl phthalate	14.34	149	675777	45.654	ng	#	94
85) Indeno(1,2,3-cd)pyrene	16.41	276	420387	42.700	ng		99
87) Benzo(b)fluoranthene	14.73	252	521816	45.401	ng		97
88) Benzo(k)fluoranthene	14.76	252	404552m	37.170	ng		
89) Benzo(a)pyrene	15.06	252	454295	43.095	ng		98
90) Dibenzo(a,h)anthracene	16.42	278	356450	36.748	ng		99
91) Benzo(g,h,i)perylene	16.79	276	344291	33.146	ng		98

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

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