Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF071117\
Data File : BF096658.D
Acq On : 11 Jul 2017 21:43
Operator : SJ/JU
Sample : I4120-05MSD
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-12-COMPMSD

Manual Integrations APPROVED
mohammad
7/12/2017 4:50:14 PM

Quant Time: Jul 12 03:51:41 2017
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF070117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 07 13:02:33 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.69	152	93929	20.00	ng		-0.01
21) Naphthalene-d8	7.97	136	384346	20.00	ng		-0.02
38) Acenaphthene-d10	9.72	164	157430	20.00	ng		-0.01
63) Phenanthrene-d10	11.20	188	227310	20.00	ng		-0.01
75) Chrysene-d12	13.83	240	163195	20.00	ng		-0.02
86) Perylene-d12	15.22	264	192582	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.32	112	769797	120.96	ng		0.00
7) Phenol-d6	6.33	99	871687	111.42	ng		-0.01
23) Nitrobenzene-d5	7.25	82	583161	91.17	ng		-0.02
41) 2,4,6-Tribromophenol	10.50	330	166232	135.18	ng		-0.02
44) 2-Fluorobiphenyl	9.05	172	969360	105.28	ng		-0.02
78) Terphenyl-d14	12.78	244	608362	79.66	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	2.50	88	112089	37.145	ng	#	63
3) Pyridine	3.15	79	213780	25.820	ng	#	63
4) n-Nitrosodimethylamine	3.08	42	177311	43.388	ng		82
6) Aniline	6.35	93	89006	8.802	ng	#	1
8) 2-Chlorophenol	6.48	128	296050	43.624	ng		99
9) Benzaldehyde	6.23	77	127243	25.988	ng		97
10) Phenol	6.35	94	320007	35.904	ng		96
11) bis(2-Chloroethyl)ether	6.43	93	295351	42.879	ng		91
12) 1,3-Dichlorobenzene	6.63	146	315495	44.338	ng		97
13) 1,4-Dichlorobenzene	6.70	146	314959	44.284	ng		95
14) 1,2-Dichlorobenzene	6.86	146	291898	44.700	ng		98
15) Benzyl Alcohol	6.83	79	237560	45.425	ng		97
16) 2,2'-oxybis(1-Chloropropan	6.97	45	615356	43.945	ng		93
17) 2-Methylphenol	6.95	107	234810	43.416	ng		96
18) Hexachloroethane	7.20	117	109922	42.631	ng	#	80
19) n-Nitroso-di-n-propylamine	7.11	70	198609	42.613	ng	#	85
20) 3+4-Methylphenols	7.10	107	275708	45.705	ng		98
22) Acetophenone	7.10	105	398180	47.413	ng		96
24) Nitrobenzene	7.27	77	295837	44.090	ng		94
25) Isophorone	7.51	82	538183	43.397	ng		97
26) 2-Nitrophenol	7.59	139	160694	45.247	ng		90
27) 2,4-Dimethylphenol	7.63	122	261213	43.195	ng		98
28) bis(2-Chloroethoxy)methane	7.72	93	367636	44.908	ng		99
29) 2,4-Dichlorophenol	7.83	162	242911	46.557	ng		99
30) 1,2,4-Trichlorobenzene	7.91	180	229661	46.663	ng		97
31) Naphthalene	7.99	128	848991	46.790	ng		99
32) Benzoic acid	7.76	122	171493	33.766	ng		97
33) 4-Chloroaniline	8.04	127	59833	7.939	ng		97
34) Hexachlorobutadiene	8.12	225	122001	48.330	ng		96
35) Caprolactam	8.41	113	66729m	37.089	ng		
36) 4-Chloro-3-methylphenol	8.53	107	243365	42.154	ng		91
37) 2-Methylnaphthalene	8.68	142	572239	49.544	ng		98
39) 1,2,4,5-Tetrachlorobenzene	8.85	216	198836	48.643	ng		99
40) Hexachlorocyclopentadiene	8.84	237	96399	48.501	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.96	196	148460	45.910	ng		100
43) 2,4,5-Trichlorophenol	9.00	196	151306	47.323	ng		99
45) 1,1'-Biphenyl	9.15	154	627166	46.495	ng		98
46) 2-Chloronaphthalene	9.17	162	475891	47.341	ng		94
47) 2-Nitroaniline	9.26	65	162461	44.416	ng		94
48) Acenaphthylene	9.58	152	740318	46.477	ng		99
49) Dimethylphthalate	9.45	163	579736	49.330	ng		99
50) 2,6-Dinitrotoluene	9.50	165	119778	46.089	ng	#	78
51) Acenaphthene	9.75	154	425162	43.302	ng		98
52) 3-Nitroaniline	9.67	138	53450	16.490	ng		91
53) 2,4-Dinitrophenol	9.78	184	54720	39.642	ng	#	76
54) Dibenzofuran	9.93	168	636745	49.120	ng		99
55) 4-Nitrophenol	9.85	139	166238	61.875	ng	#	74
56) 2,4-Dinitrotoluene	9.91	165	147792	44.907	ng	#	82
57) Fluorene	10.27	166	447938	48.927	ng		98
58) 2,3,4,6-Tetrachlorophenol	10.05	232	111141	50.242	ng	#	97
59) Diethylphthalate	10.15	149	542490	48.836	ng		99
60) 4-Chlorophenyl-phenylether	10.26	204	195931	49.187	ng		97
61) 4-Nitroaniline	10.28	138	108288	36.740	ng		91
62) Azobenzene	10.42	77	484881	45.142	ng		92
64) 4,6-Dinitro-2-methylphenol	10.32	198	39351	25.102	ng		92
65) n-Nitrosodiphenylamine	10.38	169	410500	51.470	ng		98
66) 4-Bromophenyl-phenylether	10.75	248	119425	53.971	ng		95
67) Hexachlorobenzene	10.82	284	121242	50.053	ng	#	90
68) Atrazine	10.90	200	105755	46.413	ng		94
69) Pentachlorophenol	11.01	266	121225	84.441	ng		98
70) Phenanthrene	11.22	178	603808	49.139	ng		99
71) Anthracene	11.27	178	613672	49.008	ng		98
72) Carbazole	11.43	167	559484	44.429	ng		98
73) Di-n-butylphthalate	11.77	149	743583	48.751	ng		98
74) Fluoranthene	12.40	202	555602	46.118	ng		100
76) Benzidine	12.52	184	60394	7.713	ng	#	90
77) Pyrene	12.63	202	563409	43.011	ng		98
79) Butylbenzylphthalate	13.26	149	272775	41.136	ng	#	84
80) Benzo(a)anthracene	13.82	228	461184	48.800	ng		97
81) 3,3'-Dichlorobenzidine	13.78	252	109583	28.232	ng	#	95
82) Chrysene	13.86	228	473759	47.872	ng		98
83) Bis(2-ethylhexyl)phthalate	13.82	149	335139	45.278	ng		100
84) Di-n-octyl phthalate	14.43	149	672156	46.114	ng	#	94
85) Indeno(1,2,3-cd)pyrene	16.57	276	506998	64.902	ng		96
87) Benzo(b)fluoranthene	14.83	252	535453	44.373	ng		99
88) Benzo(k)fluoranthene	14.86	252	523849	48.531	ng		96
89) Benzo(a)pyrene	15.17	252	528613	49.066	ng		97
90) Dibenzo(a,h)anthracene	16.59	278	424736	50.113	ng		96
91) Benzo(g,h,i)perylene	16.97	276	409471	46.623	ng		99

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

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