Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092418\
Data File : BF109263.D
Acq On : 24 Sep 2018 13:23
Operator : JU/SJ
Sample : J5025-01MSD
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
FK-PS-01-041MSD

Manual Integrations APPROVED
Sohil
9/25/2018 9:57:11 AM

Quant Time: Sep 25 04:21:23 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF092218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Sep 22 13:32:18 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.71	152	130397	20.00	ng		0.00
21) Naphthalene-d8	7.99	136	507838	20.00	ng		0.00
38) Acenaphthene-d10	9.74	164	250141	20.00	ng		0.00
63) Phenanthrene-d10	11.22	188	485245	20.00	ng		0.00
75) Chrysene-d12	13.84	240	294481	20.00	ng		0.00
86) Perylene-d12	15.24	264	333017	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.32	112	609036	76.93	ng		0.00
7) Phenol-d6	6.35	99	794873	78.68	ng		0.00
23) Nitrobenzene-d5	7.27	82	496321	57.69	ng		-0.01
41) 2,4,6-Tribromophenol	10.53	330	220847	89.56	ng		0.00
44) 2-Fluorobiphenyl	9.07	172	911031	54.93	ng		0.00
78) Terphenyl-d14	12.80	244	877115	73.10	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.39	88	78641	21.568	ng		95
3) Pyridine	3.10	79	213171	22.716	ng		89
4) n-Nitrosodimethylamine	3.02	42	115288	28.868	ng	#	96
6) Aniline	6.37	93	299573	23.178	ng	#	80
8) 2-Chlorophenol	6.49	128	248931	28.275	ng		98
9) Benzaldehyde	6.25	77	165502	25.502	ng		99
10) Phenol	6.36	94	338892	29.622	ng		75
11) bis(2-Chloroethyl)ether	6.45	93	234892	26.239	ng		95
12) 1,3-Dichlorobenzene	6.65	146	264612	26.105	ng		98
13) 1,4-Dichlorobenzene	6.73	146	267717	26.216	ng		97
14) 1,2-Dichlorobenzene	6.88	146	253159	26.874	ng		98
15) Benzyl Alcohol	6.85	79	226449	29.285	ng		96
16) 2,2'-oxybis(1-Chloropropan	6.99	45	334606	26.351	ng		95
17) 2-Methylphenol	6.97	107	202713	28.457	ng		96
18) Hexachloroethane	7.22	117	94558	26.282	ng		98
19) n-Nitroso-di-n-propylamine	7.13	70	176532	26.668	ng		99
20) 3+4-Methylphenols	7.12	107	250886	29.171	ng	#	70
22) Acetophenone	7.12	105	343668	29.270	ng	#	93
24) Nitrobenzene	7.29	77	266443	29.129	ng		97
25) Isophorone	7.53	82	487923	31.496	ng		99
26) 2-Nitrophenol	7.60	139	123897	34.250	ng		96
27) 2,4-Dimethylphenol	7.65	122	229408	33.986	ng		98
28) bis(2-Chloroethoxy)methane	7.75	93	303423	29.588	ng		98
29) 2,4-Dichlorophenol	7.85	162	216910	30.585	ng		98
30) 1,2,4-Trichlorobenzene	7.93	180	217919	27.499	ng		98
31) Naphthalene	8.01	128	715854	30.165	ng		99
32) Benzoic acid	7.77	122	143232	33.601	ng		97
33) 4-Chloroaniline	8.06	127	199766	19.269	ng		99
34) Hexachlorobutadiene	8.13	225	127230	26.632	ng		99
35) Caprolactam	8.43	113	73394m	32.414	ng		
36) 4-Chloro-3-methylphenol	8.55	107	229162	30.707	ng		98
37) 2-Methylnaphthalene	8.70	142	485908	31.762	ng		99
39) 1,2,4,5-Tetrachlorobenzene	8.87	216	218783	27.482	ng		99
40) Hexachlorocyclopentadiene	8.86	237	169783	48.897	ng		98

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF092218.M
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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.98	196	157217	30.771	ng		100
43) 2,4,5-Trichlorophenol	9.02	196	165460	30.663	ng		95
45) 1,1'-Biphenyl	9.16	154	587108	28.807	ng		99
46) 2-Chloronaphthalene	9.19	162	449817	27.627	ng		98
47) 2-Nitroaniline	9.28	65	142082	30.779	ng		93
48) Acenaphthylene	9.60	152	739981	30.127	ng		100
49) Dimethylphthalate	9.47	163	810557	44.552	ng		99
50) 2,6-Dinitrotoluene	9.53	165	114796	31.859	ng		96
51) Acenaphthene	9.77	154	431985	29.090	ng		99
52) 3-Nitroaniline	9.69	138	103083	24.703	ng		91
53) 2,4-Dinitrophenol	9.80	184	79107	63.834	ng	#	21
54) Dibenzofuran	9.95	168	643720	29.148	ng		100
55) 4-Nitrophenol	9.86	139	196737	62.585	ng		95
56) 2,4-Dinitrotoluene	9.93	165	152834	33.522	ng	#	99
57) Fluorene	10.29	166	481182	30.537	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.06	232	140604	32.909	ng		90
59) Diethylphthalate	10.17	149	536361	29.112	ng		96
60) 4-Chlorophenyl-phenylether	10.28	204	229136	27.841	ng		92
61) 4-Nitroaniline	10.30	138	127255	31.270	ng		98
62) Azobenzene	10.44	77	535451	27.973	ng		96
64) 4,6-Dinitro-2-methylphenol	10.34	198	55256	31.106	ng	#	74
65) n-Nitrosodiphenylamine	10.40	169	472881	29.496	ng		95
66) 4-Bromophenyl-phenylether	10.76	248	154240	28.624	ng		92
67) Hexachlorobenzene	10.83	284	162348	28.368	ng		93
68) Atrazine	10.93	200	155188	31.474	ng		97
69) Pentachlorophenol	11.03	266	176323	51.478	ng		98
70) Phenanthrene	11.24	178	728249	30.058	ng		100
71) Anthracene	11.29	178	749324	30.493	ng		100
72) Carbazole	11.44	167	671515	27.465	ng		99
73) Di-n-butylphthalate	11.79	149	833092	29.598	ng		99
74) Fluoranthene	12.42	202	726511	28.059	ng		96
76) Benzidine	12.54	184	343613	32.363	ng		98
77) Pyrene	12.65	202	702702	33.296	ng		99
79) Butylbenzylphthalate	13.27	149	304306	33.891	ng	#	95
80) Benzo(a)anthracene	13.83	228	531080	29.941	ng		98
81) 3,3'-Dichlorobenzidine	13.79	252	172634	25.610	ng		99
82) Chrysene	13.87	228	518818	29.511	ng		99
83) Bis(2-ethylhexyl)phthalate	13.84	149	370553	32.723	ng		99
84) Di-n-octyl phthalate	14.44	149	620507	32.048	ng		98
85) Indeno(1,2,3-cd)pyrene	16.59	276	546849	38.375	ng	#	92
87) Benzo(b)fluoranthene	14.84	252	518686	28.345	ng		99
88) Benzo(k)fluoranthene	14.87	252	500151	28.803	ng	#	96
89) Benzo(a)pyrene	15.19	252	501795	30.432	ng		98
90) Dibenzo(a,h)anthracene	16.60	278	451152	33.351	ng		96
91) Benzo(g,h,i)perylene	17.00	276	427699	32.170	ng	#	92

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

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