Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092218\
Data File : BF109228.D
Acq On : 22 Sep 2018 18:21
Operator : JU/SJ
Sample : J5004-03MSD
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
FK-GF-02-026-BMSD

Manual Integrations APPROVED
Sohil
9/24/2018 11:38:49 AM

Quant Time: Sep 24 07:30:02 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	6.70	152	135300	20.00	ng		0.00
21) Naphthalene-d8	7.99	136	528894	20.00	ng		0.00
38) Acenaphthene-d10	9.74	164	246607	20.00	ng		0.00
63) Phenanthrene-d10	11.22	188	462735	20.00	ng		0.00
75) Chrysene-d12	13.84	240	267532	20.00	ng		0.00
86) Perylene-d12	15.23	264	277580	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.32	112	738351	89.88	ng		0.00
7) Phenol-d6	6.35	99	973475	92.87	ng		0.00
23) Nitrobenzene-d5	7.27	82	621794	69.40	ng		-0.01
41) 2,4,6-Tribromophenol	10.53	330	241443	99.32	ng		0.00
44) 2-Fluorobiphenyl	9.07	172	1061623	64.93	ng		0.00
78) Terphenyl-d14	12.80	244	988974	90.72	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.42	88	92355	24.412	ng		93
3) Pyridine	3.12	79	249710	25.645	ng		91
4) n-Nitrosodimethylamine	3.05	42	134576	32.476	ng	#	98
6) Aniline	6.37	93	236964	17.670	ng	#	86
8) 2-Chlorophenol	6.49	128	273174	29.905	ng		98
9) Benzaldehyde	6.25	77	201214	29.882	ng		94
10) Phenol	6.36	94	346159	29.161	ng		81
11) bis(2-Chloroethyl)ether	6.45	93	270381	29.109	ng		97
12) 1,3-Dichlorobenzene	6.65	146	298092	28.342	ng		96
13) 1,4-Dichlorobenzene	6.72	146	301513	28.456	ng		99
14) 1,2-Dichlorobenzene	6.88	146	281628	28.812	ng		97
15) Benzyl Alcohol	6.85	79	252084	31.418	ng		96
16) 2,2'-oxybis(1-Chloropropan	6.99	45	393895	29.896	ng		96
17) 2-Methylphenol	6.97	107	227741	30.812	ng		96
18) Hexachloroethane	7.22	117	109942	29.451	ng		99
19) n-Nitroso-di-n-propylamine	7.13	70	204664	29.798	ng		98
20) 3+4-Methylphenols	7.12	107	276212	30.952	ng	#	73
22) Acetophenone	7.12	105	386535	31.611	ng	#	90
24) Nitrobenzene	7.29	77	299982	31.490	ng		95
25) Isophorone	7.53	82	553709	34.320	ng		96
26) 2-Nitrophenol	7.60	139	134583	35.723	ng		95
27) 2,4-Dimethylphenol	7.65	122	247532	35.211	ng		99
28) bis(2-Chloroethoxy)methane	7.75	93	343350	32.149	ng		99
29) 2,4-Dichlorophenol	7.85	162	235020	31.819	ng		98
30) 1,2,4-Trichlorobenzene	7.93	180	239526	29.022	ng		97
31) Naphthalene	8.01	128	795113	32.171	ng		99
32) Benzoic acid	7.74	122	50347	15.844	ng		95
33) 4-Chloroaniline	8.06	127	58509	5.419	ng		98
34) Hexachlorobutadiene	8.13	225	144952	29.134	ng		98
35) Caprolactam	8.42	113	74398m	31.550	ng		
36) 4-Chloro-3-methylphenol	8.55	107	250375	32.214	ng		98
37) 2-Methylnaphthalene	8.70	142	528736	33.186	ng		98
39) 1,2,4,5-Tetrachlorobenzene	8.87	216	232503	29.624	ng		98
40) Hexachlorocyclopentadiene	8.86	237	194611	56.850	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.98	196	163150	32.390	ng		99
43) 2,4,5-Trichlorophenol	9.02	196	174810	32.860	ng	#	94
45) 1,1'-Biphenyl	9.16	154	633029	31.506	ng		99
46) 2-Chloronaphthalene	9.19	162	475795	29.642	ng		100
47) 2-Nitroaniline	9.28	65	151934	33.385	ng		96
48) Acenaphthylene	9.60	152	790580	32.648	ng		100
49) Dimethylphthalate	9.47	163	949417	52.932	ng		99
50) 2,6-Dinitrotoluene	9.53	165	120615	33.953	ng		95
51) Acenaphthene	9.77	154	488353	33.357	ng		99
52) 3-Nitroaniline	9.69	138	76476	18.590	ng		99
53) 2,4-Dinitrophenol	9.80	184	69761	57.996	ng	#	19
54) Dibenzofuran	9.95	168	674137	30.962	ng		98
55) 4-Nitrophenol	9.86	139	196397	63.373	ng		92
56) 2,4-Dinitrotoluene	9.93	165	159060	35.388	ng	#	98
57) Fluorene	10.29	166	504153	32.453	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.06	232	139370	33.087	ng		93
59) Diethylphthalate	10.17	149	570158	31.390	ng		96
60) 4-Chlorophenyl-phenylether	10.28	204	232278	28.627	ng		93
61) 4-Nitroaniline	10.30	138	128018	31.909	ng		94
62) Azobenzene	10.44	77	576952	30.573	ng		95
64) 4,6-Dinitro-2-methylphenol	10.33	198	53324	31.401	ng		88
65) n-Nitrosodiphenylamine	10.40	169	486602	31.828	ng		96
66) 4-Bromophenyl-phenylether	10.76	248	160352	31.206	ng		92
67) Hexachlorobenzene	10.83	284	165013	30.237	ng		93
68) Atrazine	10.93	200	160123	34.054	ng		96
69) Pentachlorophenol	11.02	266	165995	50.820	ng		97
70) Phenanthrene	11.24	178	759101	32.855	ng		99
71) Anthracene	11.29	178	780870	33.322	ng		100
72) Carbazole	11.44	167	693660	29.751	ng		100
73) Di-n-butylphthalate	11.79	149	873186	32.532	ng		99
74) Fluoranthene	12.42	202	759474	30.759	ng		95
76) Benzidine	12.54	184	298357	30.931	ng		98
77) Pyrene	12.64	202	751415	39.190	ng		100
79) Butylbenzylphthalate	13.27	149	336809	41.290	ng		96
80) Benzo(a)anthracene	13.83	228	543513	33.729	ng		99
81) 3,3'-Dichlorobenzidine	13.79	252	134786	22.009	ng	#	98
82) Chrysene	13.86	228	520016	32.559	ng		99
83) Bis(2-ethylhexyl)phthalate	13.83	149	420072	40.833	ng		97
84) Di-n-octyl phthalate	14.44	149	661249	37.593	ng		99
85) Indeno(1,2,3-cd)pyrene	16.58	276	558863	43.169	ng	#	94
87) Benzo(b)fluoranthene	14.84	252	473355	31.034	ng		98
88) Benzo(k)fluoranthene	14.87	252	412401m	28.493	ng		
89) Benzo(a)pyrene	15.17	252	464907	33.826	ng		99
90) Dibenzo(a,h)anthracene	16.60	278	464649	41.209	ng	#	95
91) Benzo(g,h,i)perylene	16.98	276	458716	41.394	ng	#	93

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

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