Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062118\
Data File : BF106652.D
Acq On : 21 Jun 2018 10:58
Operator : JU/SJ
Sample : PB110418BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB110418BS

Manual Integrations APPROVED
Sohil
6/22/2018 10:22:56 AM

Quant Time: Jun 21 14:10:01 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 19 14:32:09 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.96	152	87454	20.00	ng		0.00
21) Naphthalene-d8	8.25	136	342857	20.00	ng		0.00
38) Acenaphthene-d10	10.01	164	193723	20.00	ng		0.00
63) Phenanthrene-d10	11.50	188	420921	20.00	ng		0.00
75) Chrysene-d12	14.18	240	343260	20.00	ng		0.02
86) Perylene-d12	15.74	264	289790	20.00	ng		0.06
System Monitoring Compounds							
5) 2-Fluorophenol	5.61	112	608287	117.78	ng		0.01
7) Phenol-d6	6.61	99	781876	121.23	ng		0.00
23) Nitrobenzene-d5	7.53	82	534719	86.67	ng		0.00
41) 2,4,6-Tribromophenol	10.81	330	318035	141.64	ng		0.00
44) 2-Fluorobiphenyl	9.32	172	997223	87.58	ng		0.00
78) Terphenyl-d14	13.08	244	1329327	93.81	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.87	88	83988	31.631	ng		97
3) Pyridine	3.64	79	253741	35.237	ng		98
4) n-Nitrosodimethylamine	3.60	42	109065	35.660	ng		89
6) Aniline	6.63	93	277419	31.709	ng	#	70
8) 2-Chlorophenol	6.76	128	234298	41.361	ng		97
9) Benzaldehyde	6.51	77	119254	24.427	ng		99
10) Phenol	6.62	94	282988	38.446	ng	#	72
11) bis(2-Chloroethyl)ether	6.70	93	238623	39.270	ng		98
12) 1,3-Dichlorobenzene	6.90	146	265891	40.076	ng		98
13) 1,4-Dichlorobenzene	6.98	146	267689	39.908	ng		99
14) 1,2-Dichlorobenzene	7.13	146	249857	40.645	ng		98
15) Benzyl Alcohol	7.11	79	212316	40.997	ng		97
16) 2,2'-oxybis(1-Chloropropan	7.23	45	343805	43.123	ng		63
17) 2-Methylphenol	7.22	107	204718	42.230	ng	#	91
18) Hexachloroethane	7.47	117	93838	39.782	ng	#	88
19) n-Nitroso-di-n-propylamine	7.37	70	162573	38.240	ng		95
20) 3+4-Methylphenols	7.38	107	249759	48.918	ng		88
22) Acetophenone	7.37	105	316886	41.312	ng	#	95
24) Nitrobenzene	7.55	77	263807	41.883	ng		99
25) Isophorone	7.78	82	494241	45.462	ng		100
26) 2-Nitrophenol	7.86	139	136687	45.969	ng		97
27) 2,4-Dimethylphenol	7.90	122	223423	48.614	ng		99
28) bis(2-Chloroethoxy)methane	7.99	93	314478	43.083	ng		99
29) 2,4-Dichlorophenol	8.11	162	222986	46.343	ng		97
30) 1,2,4-Trichlorobenzene	8.18	180	235671	44.462	ng		98
31) Naphthalene	8.27	128	683275	42.626	ng		99
32) Benzoic acid	8.03	122	114412	35.869	ng		97
33) 4-Chloroaniline	8.31	127	166083	24.693	ng		97
34) Hexachlorobutadiene	8.38	225	154837	44.831	ng		99
35) Caprolactam	8.70	113	73401m	46.799	ng		
36) 4-Chloro-3-methylphenol	8.81	107	243741	48.127	ng		96
37) 2-Methylnaphthalene	8.96	142	519820	48.925	ng		97
39) 1,2,4,5-Tetrachlorobenzene	9.12	216	268056	41.088	ng		97
40) Hexachlorocyclopentadiene	9.11	237	316967	94.432	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.24	196	176097	40.607	ng		93
43) 2,4,5-Trichlorophenol	9.29	196	185968	41.097	ng		91
45) 1,1'-Biphenyl	9.42	154	622898	40.346	ng		98
46) 2-Chloronaphthalene	9.45	162	469550	38.638	ng		95
47) 2-Nitroaniline	9.55	65	162201	39.692	ng		89
48) Acenaphthylene	9.87	152	754362	39.318	ng		98
49) Dimethylphthalate	9.72	163	597034	41.091	ng		99
50) 2,6-Dinitrotoluene	9.79	165	140997	45.828	ng		95
51) Acenaphthene	10.04	154	460860	38.145	ng		99
52) 3-Nitroaniline	9.97	138	99185	28.015	ng		93
53) 2,4-Dinitrophenol	10.07	184	156565	96.679	ng	#	21
54) Dibenzofuran	10.21	168	715162	43.228	ng		99
55) 4-Nitrophenol	10.15	139	184994	74.858	ng		96
56) 2,4-Dinitrotoluene	10.20	165	192563	47.950	ng	#	83
57) Fluorene	10.56	166	563357	42.912	ng		98
58) 2,3,4,6-Tetrachlorophenol	10.34	232	175607	48.819	ng	#	80
59) Diethylphthalate	10.42	149	582536	41.540	ng	#	92
60) 4-Chlorophenyl-phenylether	10.54	204	296031	43.097	ng		89
61) 4-Nitroaniline	10.59	138	152990	43.541	ng		97
62) Azobenzene	10.71	77	565083	40.920	ng		92
64) 4,6-Dinitro-2-methylphenol	10.61	198	119565	45.953	ng	#	66
65) n-Nitrosodiphenylamine	10.67	169	512512	36.200	ng		99
66) 4-Bromophenyl-phenylether	11.04	248	215350	42.869	ng	#	81
67) Hexachlorobenzene	11.11	284	224974	42.789	ng	#	82
68) Atrazine	11.20	200	195408	43.416	ng		94
69) Pentachlorophenol	11.31	266	197753	75.380	ng		99
70) Phenanthrene	11.52	178	858329	42.278	ng		99
71) Anthracene	11.58	178	895783	43.228	ng		99
72) Carbazole	11.74	167	801567	41.316	ng		97
73) Di-n-butylphthalate	12.05	149	918251	40.175	ng		99
74) Fluoranthene	12.72	202	972427	43.457	ng		96
76) Benzidine	12.84	184	467445	47.816	ng		98
77) Pyrene	12.95	202	978150	43.213	ng		98
79) Butylbenzylphthalate	13.56	149	396697	42.625	ng	#	96
80) Benzo(a)anthracene	14.17	228	916301	43.799	ng		99
81) 3,3'-Dichlorobenzidine	14.12	252	156391	21.270	ng	#	97
82) Chrysene	14.21	228	835762	43.423	ng		99
83) Bis(2-ethylhexyl)phthalate	14.13	149	540754	45.448	ng	#	97
84) Di-n-octyl phthalate	14.79	149	820296	42.295	ng		96
85) Indeno(1,2,3-cd)pyrene	17.33	276	762586	46.689	ng	#	91
87) Benzo(b)fluoranthene	15.29	252	740260m	41.122	ng		
88) Benzo(k)fluoranthene	15.32	252	717670	41.864	ng	#	97
89) Benzo(a)pyrene	15.68	252	704745	44.038	ng	#	96
90) Dibenzo(a,h)anthracene	17.35	278	628450	46.338	ng	#	94
91) Benzo(g,h,i)perylene	17.81	276	642295	48.453	ng	#	91

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

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