Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061818\
Data File : BF106526.D
Acq On : 18 Jun 2018 9:37
Operator : JU/SJ
Sample : PB110285BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB110285BS

Manual Integrations APPROVED
Sohil
6/19/2018 5:59:30 PM

Quant Time: Jun 19 02:07:23 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 15 11:11:47 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	131611	20.00	ng		0.00
21) Naphthalene-d8	8.25	136	501628	20.00	ng		0.00
38) Acenaphthene-d10	10.01	164	238578	20.00	ng		0.00
63) Phenanthrene-d10	11.50	188	456672	20.00	ng		0.00
75) Chrysene-d12	14.16	240	296688	20.00	ng		0.00
86) Perylene-d12	15.69	264	301144	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.62	112	859971	110.59	ng		0.00
7) Phenol-d6	6.62	99	1064671	108.37	ng		0.00
23) Nitrobenzene-d5	7.54	82	765326	89.75	ng		0.00
41) 2,4,6-Tribromophenol	10.81	330	337294	146.93	ng		0.00
44) 2-Fluorobiphenyl	9.32	172	1277577	100.65	ng		0.00
78) Terphenyl-d14	13.09	244	1261092	105.57	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.90	88	128122	31.836	ng		95
3) Pyridine	3.67	79	385340	34.360	ng		97
4) n-Nitrosodimethylamine	3.63	42	173849	33.838	ng		93
6) Aniline	6.64	93	269119	18.759	ng	#	36
8) 2-Chlorophenol	6.77	128	326282	39.018	ng		99
9) Benzaldehyde	6.52	77	206321	27.687	ng		99
10) Phenol	6.63	94	400097	37.304	ng		83
11) bis(2-Chloroethyl)ether	6.71	93	345123	37.589	ng		99
12) 1,3-Dichlorobenzene	6.91	146	373893	37.990	ng		97
13) 1,4-Dichlorobenzene	6.98	146	380665	38.114	ng		99
14) 1,2-Dichlorobenzene	7.14	146	351903	37.429	ng		98
15) Benzyl Alcohol	7.11	79	304741	36.220	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.24	45	509962	38.747	ng		50
17) 2-Methylphenol	7.23	107	282539	37.870	ng	#	90
18) Hexachloroethane	7.48	117	136895	38.467	ng		97
19) n-Nitroso-di-n-propylamine	7.38	70	234149	31.768	ng		95
20) 3+4-Methylphenols	7.38	107	344307	36.087	ng	#	84
22) Acetophenone	7.38	105	451282	35.699	ng	#	94
24) Nitrobenzene	7.55	77	378978	40.891	ng		97
25) Isophorone	7.79	82	696335	41.809	ng		99
26) 2-Nitrophenol	7.87	139	186751	51.914	ng		95
27) 2,4-Dimethylphenol	7.91	122	308658	43.776	ng		100
28) bis(2-Chloroethoxy)methane	8.00	93	440933	40.829	ng		98
29) 2,4-Dichlorophenol	8.12	162	297787	43.778	ng		97
30) 1,2,4-Trichlorobenzene	8.19	180	308542	40.454	ng		96
31) Naphthalene	8.27	128	934423	41.207	ng		98
32) Benzoic acid	8.04	122	153295	32.290	ng		96
33) 4-Chloroaniline	8.32	127	105519	10.500	ng		98
34) Hexachlorobutadiene	8.38	225	202241	41.274	ng		98
35) Caprolactam	8.70	113	92921m	40.386	ng		
36) 4-Chloro-3-methylphenol	8.82	107	311524	41.402	ng		98
37) 2-Methylnaphthalene	8.97	142	653474	42.310	ng		99
39) 1,2,4,5-Tetrachlorobenzene	9.13	216	326367	42.140	ng		98
40) Hexachlorocyclopentadiene	9.11	237	404133	94.576	ng		100

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.25	196	226247	45.839	ng		99
43) 2,4,5-Trichlorophenol	9.30	196	234204	44.017	ng	#	92
45) 1,1'-Biphenyl	9.43	154	762524	41.264	ng		99
46) 2-Chloronaphthalene	9.46	162	609314	41.203	ng		97
47) 2-Nitroaniline	9.55	65	207222	44.544	ng		92
48) Acenaphthylene	9.88	152	960820	42.448	ng		98
49) Dimethylphthalate	9.73	163	731703	42.928	ng	#	99
50) 2,6-Dinitrotoluene	9.80	165	157892	45.349	ng		97
51) Acenaphthene	10.05	154	562628	38.489	ng		99
52) 3-Nitroaniline	9.97	138	94162	22.786	ng		98
53) 2,4-Dinitrophenol	10.07	184	142146	87.961	ng	#	21
54) Dibenzofuran	10.22	168	823529	41.837	ng		96
55) 4-Nitrophenol	10.15	139	207094	65.381	ng		96
56) 2,4-Dinitrotoluene	10.20	165	209651	47.951	ng		95
57) Fluorene	10.57	166	637509	40.877	ng		100
58) 2,3,4,6-Tetrachlorophenol	10.34	232	198912	47.167	ng	#	82
59) Diethylphthalate	10.43	149	694630	41.058	ng	#	94
60) 4-Chlorophenyl-phenylether	10.55	204	339710	41.414	ng		93
61) 4-Nitroaniline	10.59	138	156042	38.811	ng		97
62) Azobenzene	10.71	77	715700	40.570	ng		94
64) 4,6-Dinitro-2-methylphenol	10.61	198	106695	43.925	ng		91
65) n-Nitrosodiphenylamine	10.67	169	606294	39.503	ng		95
66) 4-Bromophenyl-phenylether	11.04	248	233844	45.021	ng	#	84
67) Hexachlorobenzene	11.11	284	234284	43.751	ng	#	83
68) Atrazine	11.20	200	201787	42.663	ng		96
69) Pentachlorophenol	11.31	266	193598	58.723	ng		98
70) Phenanthrene	11.53	178	904807	40.456	ng		98
71) Anthracene	11.58	178	940744	41.987	ng		99
72) Carbazole	11.74	167	787073	38.050	ng		98
73) Di-n-butylphthalate	12.05	149	1012143	43.965	ng		100
74) Fluoranthene	12.72	202	928651	38.935	ng		98
76) Benzidine	12.84	184	247441	25.059	ng		97
77) Pyrene	12.95	202	908498	48.911	ng		99
79) Butylbenzylphthalate	13.55	149	362640	52.157	ng		97
80) Benzo(a)anthracene	14.15	228	743150	42.091	ng		100
81) 3,3'-Dichlorobenzidine	14.10	252	177621	29.817	ng		96
82) Chrysene	14.18	228	687740	42.665	ng		99
83) Bis(2-ethylhexyl)phthalate	14.11	149	466204	46.764	ng		99
84) Di-n-octyl phthalate	14.75	149	716242	49.836	ng		98
85) Indeno(1,2,3-cd)pyrene	17.27	276	915036	71.126	ng	#	93
87) Benzo(b)fluoranthene	15.24	252	693321m	38.087	ng		
88) Benzo(k)fluoranthene	15.27	252	683646	37.920	ng	#	96
89) Benzo(a)pyrene	15.64	252	707023	43.181	ng		97
90) Dibenzo(a,h)anthracene	17.29	278	752283	55.110	ng	#	95
91) Benzo(g,h,i)perylene	17.76	276	786568	59.292	ng	#	92

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

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