Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF070718\
Data File : BF107199.D
Acq On : 7 Jul 2018 12:03
Operator : JU/SJ
Sample : PB110905BS
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB110905BS

Manual Integrations APPROVED
Sohil
7/9/2018 2:06:12 PM

Quant Time: Jul 09 03:17:13 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 29 14:38:29 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.94	152	53569	20.00	ng		-0.02
21) Naphthalene-d8	8.22	136	210882	20.00	ng		-0.02
38) Acenaphthene-d10	9.99	164	110010	20.00	ng		-0.02
63) Phenanthrene-d10	11.48	188	226832	20.00	ng		-0.02
75) Chrysene-d12	14.14	240	167373	20.00	ng		-0.03
86) Perylene-d12	15.67	264	158379	20.00	ng		-0.05
System Monitoring Compounds							
5) 2-Fluorophenol	5.60	112	316187	99.95	ng		0.00
7) Phenol-d6	6.60	99	387304	98.04	ng		-0.02
23) Nitrobenzene-d5	7.51	82	249406	65.73	ng		-0.02
41) 2,4,6-Tribromophenol	10.79	330	133685	104.85	ng		-0.01
44) 2-Fluorobiphenyl	9.30	172	491509	73.66	ng		-0.02
78) Terphenyl-d14	13.07	244	594559	86.05	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	2.87	88	44294	27.234	ng		96
3) Pyridine	3.64	79	129892	29.448	ng		99
4) n-Nitrosodimethylamine	3.60	42	50543	26.979	ng		81
6) Aniline	6.61	93	115683	21.587	ng	#	83
8) 2-Chlorophenol	6.74	128	115955	33.418	ng		97
9) Benzaldehyde	6.50	77	49651	15.684	ng		97
10) Phenol	6.61	94	147542	32.724	ng		76
11) bis(2-Chloroethyl)ether	6.68	93	117944	31.687	ng		99
12) 1,3-Dichlorobenzene	6.88	146	136390	33.561	ng		97
13) 1,4-Dichlorobenzene	6.96	146	137761	33.529	ng		99
14) 1,2-Dichlorobenzene	7.11	146	127730	33.922	ng		99
15) Benzyl Alcohol	7.09	79	99861	31.480	ng		97
16) 2,2'-oxybis(1-Chloropropan	7.21	45	168613	34.527	ng		54
17) 2-Methylphenol	7.21	107	100997	34.013	ng	#	90
18) Hexachloroethane	7.45	117	46638	32.279	ng		91
19) n-Nitroso-di-n-propylamine	7.35	70	83555	32.085	ng		94
20) 3+4-Methylphenols	7.36	107	130361	39.239	ng	#	83
22) Acetophenone	7.35	105	164931	34.958	ng		98
24) Nitrobenzene	7.53	77	125727	32.453	ng		99
25) Isophorone	7.77	82	230425	34.460	ng		99
26) 2-Nitrophenol	7.85	139	65265	35.686	ng		95
27) 2,4-Dimethylphenol	7.88	122	109159	38.616	ng		98
28) bis(2-Chloroethoxy)methane	7.97	93	147993	32.963	ng		98
29) 2,4-Dichlorophenol	8.10	162	107612	36.362	ng		92
30) 1,2,4-Trichlorobenzene	8.17	180	118932	36.480	ng		98
31) Naphthalene	8.25	128	347206	35.216	ng		99
32) Benzoic acid	8.01	122	46689	25.726	ng		92
33) 4-Chloroaniline	8.30	127	67913	16.416	ng		97
34) Hexachlorobutadiene	8.35	225	79000	37.188	ng		98
35) Caprolactam	8.67	113	33068	34.278	ng		98
36) 4-Chloro-3-methylphenol	8.80	107	109189	35.052	ng		94
37) 2-Methylnaphthalene	8.94	142	257051	39.334	ng		96
39) 1,2,4,5-Tetrachlorobenzene	9.11	216	133466	36.025	ng	#	96
40) Hexachlorocyclopentadiene	9.08	237	47085	24.702	ng		96

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Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.22	196	73183	29.717 ng		95
43) 2,4,5-Trichlorophenol	9.28	196	72936m	28.383 ng		
45) 1,1'-Biphenyl	9.40	154	313388	35.745 ng		97
46) 2-Chloronaphthalene	9.44	162	226522	32.824 ng		94
47) 2-Nitroaniline	9.54	65	69735	30.050 ng		94
48) Acenaphthylene	9.85	152	361246	33.156 ng		99
49) Dimethylphthalate	9.70	163	259026	31.394 ng		98
50) 2,6-Dinitrotoluene	9.78	165	61289	35.079 ng	#	79
51) Acenaphthene	10.02	154	216233	31.516 ng		97
52) 3-Nitroaniline	9.95	138	35188	17.502 ng		99
53) 2,4-Dinitrophenol	10.07	184	37688	44.065 ng	#	15
54) Dibenzofuran	10.20	168	331144	35.248 ng		96
55) 4-Nitrophenol	10.13	139	38775	27.630 ng		88
56) 2,4-Dinitrotoluene	10.18	165	79164	34.713 ng	#	96
57) Fluorene	10.54	166	265884	35.665 ng		99
58) 2,3,4,6-Tetrachlorophenol	10.32	232	61211	29.966 ng	#	77
59) Diethylphthalate	10.40	149	248033	31.146 ng	#	92
60) 4-Chlorophenyl-phenylether	10.52	204	137852	35.340 ng	#	85
61) 4-Nitroaniline	10.57	138	61035	30.589 ng		90
62) Azobenzene	10.68	77	244813	31.218 ng		95
64) 4,6-Dinitro-2-methylphenol	10.60	198	38363	27.360 ng	#	72
65) n-Nitrosodiphenylamine	10.65	169	226429	29.678 ng		99
66) 4-Bromophenyl-phenylether	11.02	248	93269	34.453 ng	#	77
67) Hexachlorobenzene	11.09	284	99127	34.986 ng	#	84
68) Atrazine	11.17	200	81695	33.682 ng		93
69) Pentachlorophenol	11.30	266	31738	22.450 ng		99
70) Phenanthrene	11.51	178	394054	36.018 ng		99
71) Anthracene	11.56	178	405334	36.297 ng		100
72) Carbazole	11.72	167	355810	34.032 ng		98
73) Di-n-butylphthalate	12.02	149	392532	31.869 ng		98
74) Fluoranthene	12.70	202	425934	35.322 ng		96
76) Benzidine	12.82	184	138669	29.091 ng		97
77) Pyrene	12.94	202	420033	38.057 ng		99
79) Butylbenzylphthalate	13.53	149	144960	31.944 ng	#	94
80) Benzo(a)anthracene	14.12	228	345800	33.899 ng		100
81) 3,3'-Dichlorobenzidine	14.08	252	65378	18.236 ng	#	95
82) Chrysene	14.17	228	327959	34.946 ng		99
83) Bis(2-ethylhexyl)phthalate	14.08	149	179105	30.872 ng		97
84) Di-n-octyl phthalate	14.70	149	282093	29.830 ng		96
85) Indeno(1,2,3-cd)pyrene	17.26	276	367548	46.150 ng	#	90
87) Benzo(b)fluoranthene	15.21	252	300177	30.511 ng	#	96
88) Benzo(k)fluoranthene	15.24	252	304415	32.491 ng	#	96
89) Benzo(a)pyrene	15.61	252	305130	34.887 ng	#	96
90) Dibenzo(a,h)anthracene	17.26	278	302466	40.806 ng	#	94
91) Benzo(g,h,i)perylene	17.74	276	318237	43.926 ng	#	89

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

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