Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF070518\
Data File : BF107162.D
Acq On : 6 Jul 2018 9:35
Operator : JU/SJ
Sample : PB110854BS
Misc :
ALS Vial : 46 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB110854BS

Manual Integrations APPROVED
Sohil
7/6/2018 11:38:09 AM

Quant Time: Jul 06 11:23:52 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	6.95	152	61136	20.00	ng		-0.01
21) Naphthalene-d8	8.23	136	228577	20.00	ng		-0.02
38) Acenaphthene-d10	9.99	164	108143	20.00	ng		-0.02
63) Phenanthrene-d10	11.48	188	178907	20.00	ng		-0.02
75) Chrysene-d12	14.14	240	152715	20.00	ng		-0.03
86) Perylene-d12	15.67	264	120210	20.00	ng		-0.05
System Monitoring Compounds							
5) 2-Fluorophenol	5.60	112	309518	85.73	ng		0.00
7) Phenol-d6	6.60	99	378530	83.96	ng		-0.02
23) Nitrobenzene-d5	7.52	82	352093	85.60	ng		-0.02
41) 2,4,6-Tribromophenol	10.79	330	104055	83.02	ng		-0.01
44) 2-Fluorobiphenyl	9.31	172	640317	103.42	ng		-0.02
78) Terphenyl-d14	13.07	244	589324	93.48	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	2.85	88	60228	32.447	ng		97
3) Pyridine	3.62	79	185506	36.851	ng		97
4) n-Nitrosodimethylamine	3.60	42	74883	35.023	ng		80
6) Aniline	6.61	93	155698	25.457	ng	#	45
8) 2-Chlorophenol	6.74	128	172909	43.664	ng		97
9) Benzaldehyde	6.50	77	85706	25.255	ng		99
10) Phenol	6.61	94	211148	41.035	ng		82
11) bis(2-Chloroethyl)ether	6.68	93	169280	39.850	ng		98
12) 1,3-Dichlorobenzene	6.89	146	197574	42.599	ng		98
13) 1,4-Dichlorobenzene	6.97	146	198981	42.435	ng		97
14) 1,2-Dichlorobenzene	7.12	146	182911	42.564	ng		97
15) Benzyl Alcohol	7.10	79	140911	38.922	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.22	45	235944	42.334	ng		53
17) 2-Methylphenol	7.21	107	145620	42.970	ng	#	88
18) Hexachloroethane	7.45	117	61919	37.551	ng	#	86
19) n-Nitroso-di-n-propylamine	7.36	70	118609	39.909	ng		93
20) 3+4-Methylphenols	7.37	107	185017	53.317	ng		91
22) Acetophenone	7.35	105	237008	46.346	ng	#	98
24) Nitrobenzene	7.54	77	182689	43.505	ng		98
25) Isophorone	7.77	82	339736	46.874	ng		98
26) 2-Nitrophenol	7.85	139	90498	45.652	ng		98
27) 2,4-Dimethylphenol	7.88	122	156406	51.046	ng		97
28) bis(2-Chloroethoxy)methane	7.97	93	218757	44.953	ng		98
29) 2,4-Dichlorophenol	8.10	162	154333	48.112	ng		95
30) 1,2,4-Trichlorobenzene	8.17	180	169713	48.026	ng		96
31) Naphthalene	8.25	128	488113	45.675	ng		99
32) Benzoic acid	8.02	122	77213	36.239	ng		98
33) 4-Chloroaniline	8.30	127	78423	17.489	ng		98
34) Hexachlorobutadiene	8.35	225	112046	48.661	ng		99
35) Caprolactam	8.68	113	47379	45.310	ng		94
36) 4-Chloro-3-methylphenol	8.80	107	153805	45.552	ng		95
37) 2-Methylnaphthalene	8.94	142	352167	49.717	ng		97
39) 1,2,4,5-Tetrachlorobenzene	9.11	216	185656	50.978	ng	#	96
40) Hexachlorocyclopentadiene	9.09	237	8838	4.717	ng		94

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Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.23	196	105187	43.451 ng		92
43) 2,4,5-Trichlorophenol	9.28	196	106866	42.305 ng	#	86
45) 1,1'-Biphenyl	9.41	154	423778	49.171 ng		98
46) 2-Chloronaphthalene	9.44	162	305179	44.985 ng		95
47) 2-Nitroaniline	9.54	65	94381	41.373 ng		98
48) Acenaphthylene	9.85	152	467088	43.610 ng		99
49) Dimethylphthalate	9.70	163	366198	45.149 ng		98
50) 2,6-Dinitrotoluene	9.78	165	79740	46.428 ng		89
51) Acenaphthene	10.02	154	278300	41.263 ng		97
52) 3-Nitroaniline	9.95	138	52526	26.577 ng		94
53) 2,4-Dinitrophenol	10.07	184	21965	28.305 ng	#	16
54) Dibenzofuran	10.20	168	418057	45.267 ng		97
55) 4-Nitrophenol	10.14	139	65221	47.277 ng		97
56) 2,4-Dinitrotoluene	10.19	165	96904	43.226 ng		90
57) Fluorene	10.54	166	320751	43.767 ng		99
58) 2,3,4,6-Tetrachlorophenol	10.32	232	88410	44.029 ng	#	74
59) Diethylphthalate	10.40	149	335468	42.853 ng	#	93
60) 4-Chlorophenyl-phenylether	10.52	204	176781	46.103 ng	#	86
61) 4-Nitroaniline	10.57	138	62973	32.105 ng		94
62) Azobenzene	10.69	77	308635	40.036 ng		92
64) 4,6-Dinitro-2-methylphenol	10.60	198	24126	21.816 ng	#	73
65) n-Nitrosodiphenylamine	10.65	169	283288	47.077 ng		99
66) 4-Bromophenyl-phenylether	11.02	248	112774	52.818 ng	#	79
67) Hexachlorobenzene	11.09	284	111547	49.915 ng	#	85
68) Atrazine	11.17	200	99358	51.938 ng		94
69) Pentachlorophenol	11.30	266	46736	41.914 ng		98
70) Phenanthrene	11.51	178	422037	48.909 ng		99
71) Anthracene	11.56	178	426612	48.436 ng		99
72) Carbazole	11.72	167	367163	44.525 ng		97
73) Di-n-butylphthalate	12.02	149	466736	48.044 ng		99
74) Fluoranthene	12.70	202	428578	45.062 ng		97
76) Benzidine	12.82	184	258098	59.343 ng		97
77) Pyrene	12.94	202	430965	42.795 ng		99
79) Butylbenzylphthalate	13.53	149	169147	40.852 ng	#	96
80) Benzo(a)anthracene	14.12	228	431968	46.410 ng		99
81) 3,3'-Dichlorobenzidine	14.08	252	138867	42.451 ng	#	95
82) Chrysene	14.17	228	397825	46.459 ng		99
83) Bis(2-ethylhexyl)phthalate	14.08	149	214949	40.606 ng	#	96
84) Di-n-octyl phthalate	14.71	149	404030	46.825 ng		96
85) Indeno(1,2,3-cd)pyrene	17.25	276	287006	39.496 ng	#	89
87) Benzo(b)fluoranthene	15.21	252	377629m	50.571 ng		
88) Benzo(k)fluoranthene	15.24	252	333985	46.966 ng	#	96
89) Benzo(a)pyrene	15.61	252	319014	48.056 ng	#	97
90) Dibenzo(a,h)anthracene	17.25	278	242539	43.111 ng	#	93
91) Benzo(g,h,i)perylene	17.73	276	237327	43.159 ng	#	90

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

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