Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071218\
Data File : BF107332.D
Acq On : 12 Jul 2018 12:18
Operator : JU/SJ
Sample : PB110986BSD
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB110986BSD

Manual Integrations APPROVED
Sohil
7/13/2018 11:17:09 AM

Quant Time: Jul 12 15:02:24 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 11 16:39:37 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.93	152	64355	20.00	ng		0.00
21) Naphthalene-d8	8.22	136	239998	20.00	ng		0.00
38) Acenaphthene-d10	9.98	164	126359	20.00	ng		0.00
63) Phenanthrene-d10	11.48	188	242316	20.00	ng		0.00
75) Chrysene-d12	14.14	240	157802	20.00	ng		0.00
86) Perylene-d12	15.68	264	168797	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.58	112	532674	140.16	ng		0.02
7) Phenol-d6	6.59	99	664976	140.11	ng		0.01
23) Nitrobenzene-d5	7.51	82	444880	103.02	ng		0.00
41) 2,4,6-Tribromophenol	10.79	330	215194	146.94	ng		0.00
44) 2-Fluorobiphenyl	9.30	172	799176	111.68	ng		0.00
78) Terphenyl-d14	13.07	244	847990	130.17	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.84	88	68345	34.979	ng		96
3) Pyridine	3.62	79	205355	38.753	ng		98
4) n-Nitrosodimethylamine	3.60	42	87076	38.689	ng		82
6) Aniline	6.61	93	185487	28.811	ng	#	41
8) 2-Chlorophenol	6.73	128	188881	45.312	ng		96
9) Benzaldehyde	6.49	77	115119	34.393	ng		99
10) Phenol	6.60	94	225371	41.609	ng		77
11) bis(2-Chloroethyl)ether	6.67	93	194940	43.596	ng		98
12) 1,3-Dichlorobenzene	6.87	146	223463	45.771	ng		98
13) 1,4-Dichlorobenzene	6.95	146	222736	45.125	ng		99
14) 1,2-Dichlorobenzene	7.10	146	202227	44.705	ng		98
15) Benzyl Alcohol	7.08	79	151961	39.875	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.20	45	260395	44.384	ng	#	20
17) 2-Methylphenol	7.20	107	165517	46.399	ng	#	89
18) Hexachloroethane	7.44	117	76749	44.216	ng	#	85
19) n-Nitroso-di-n-propylamine	7.35	70	133830	42.778	ng		91
20) 3+4-Methylphenols	7.35	107	209997	60.110	ng		91
22) Acetophenone	7.34	105	265081	49.369	ng	#	99
24) Nitrobenzene	7.52	77	209796	47.583	ng		99
25) Isophorone	7.76	82	394002	51.775	ng		100
26) 2-Nitrophenol	7.84	139	112801	54.195	ng		98
27) 2,4-Dimethylphenol	7.87	122	180761	56.187	ng		97
28) bis(2-Chloroethoxy)methane	7.96	93	248207	48.578	ng		99
29) 2,4-Dichlorophenol	8.08	162	183547	54.496	ng		95
30) 1,2,4-Trichlorobenzene	8.15	180	198793	53.578	ng		97
31) Naphthalene	8.24	128	562725	50.151	ng		100
32) Benzoic acid	8.04	122	93117	40.772	ng		98
33) 4-Chloroaniline	8.29	127	92495	19.646	ng		99
34) Hexachlorobutadiene	8.34	225	129245	53.459	ng		99
35) Caprolactam	8.69	113	60219m	54.849	ng		
36) 4-Chloro-3-methylphenol	8.80	107	184910	52.159	ng		99
37) 2-Methylnaphthalene	8.94	142	416606	56.016	ng		95
39) 1,2,4,5-Tetrachlorobenzene	9.10	216	219981	51.695	ng	#	96
40) Hexachlorocyclopentadiene	9.08	237	93055	42.503	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.22	196	121661	43.011	ng		95
43) 2,4,5-Trichlorophenol	9.28	196	115406	39.100	ng	#	88
45) 1,1'-Biphenyl	9.40	154	499986	49.650	ng		98
46) 2-Chloronaphthalene	9.43	162	375494	47.371	ng		95
47) 2-Nitroaniline	9.54	65	113806	42.696	ng		99
48) Acenaphthylene	9.85	152	565833	45.214	ng		99
49) Dimethylphthalate	9.70	163	421401	44.465	ng		98
50) 2,6-Dinitrotoluene	9.78	165	100232	49.946	ng		88
51) Acenaphthene	10.02	154	347161	44.053	ng		98
52) 3-Nitroaniline	9.95	138	54906	23.776	ng		96
53) 2,4-Dinitrophenol	10.08	184	66529	64.849	ng	#	15
54) Dibenzofuran	10.19	168	507304	47.012	ng		97
55) 4-Nitrophenol	10.14	139	41483	25.735	ng		96
56) 2,4-Dinitrotoluene	10.19	165	116512	44.480	ng		94
57) Fluorene	10.54	166	417385	48.743	ng		100
58) 2,3,4,6-Tetrachlorophenol	10.32	232	90751	38.679	ng	#	74
59) Diethylphthalate	10.40	149	410477	44.876	ng	#	92
60) 4-Chlorophenyl-phenylether	10.52	204	222901	49.750	ng	#	87
61) 4-Nitroaniline	10.58	138	89494	39.049	ng		95
62) Azobenzene	10.68	77	396089	43.973	ng		93
64) 4,6-Dinitro-2-methylphenol	10.61	198	66254	44.232	ng		79
65) n-Nitrosodiphenylamine	10.65	169	363318	44.577	ng		99
66) 4-Bromophenyl-phenylether	11.01	248	152861	52.858	ng	#	80
67) Hexachlorobenzene	11.09	284	161812	53.460	ng	#	83
68) Atrazine	11.17	200	127503	49.210	ng		95
69) Pentachlorophenol	11.30	266	46070	30.505	ng		97
70) Phenanthrene	11.51	178	600326	51.365	ng		99
71) Anthracene	11.56	178	612401	51.335	ng		99
72) Carbazole	11.72	167	502341	44.977	ng		98
73) Di-n-butylphthalate	12.02	149	598535	45.489	ng		98
74) Fluoranthene	12.70	202	605356	46.993	ng		96
76) Benzidine	12.82	184	156540	34.832	ng		97
77) Pyrene	12.94	202	587598	56.468	ng		99
79) Butylbenzylphthalate	13.53	149	205336	47.994	ng	#	92
80) Benzo(a)anthracene	14.13	228	485968	50.529	ng		99
81) 3,3'-Dichlorobenzidine	14.08	252	106667	31.557	ng	#	95
82) Chrysene	14.17	228	449703	50.825	ng		99
83) Bis(2-ethylhexyl)phthalate	14.08	149	256410	46.877	ng		97
84) Di-n-octyl phthalate	14.70	149	437170	49.032	ng		95
85) Indeno(1,2,3-cd)pyrene	17.29	276	589725	78.538	ng	#	89
87) Benzo(b)fluoranthene	15.22	252	512264	48.854	ng	#	97
88) Benzo(k)fluoranthene	15.25	252	436862	43.750	ng	#	95
89) Benzo(a)pyrene	15.62	252	481630	51.669	ng	#	96
90) Dibenzo(a,h)anthracene	17.29	278	483117	61.155	ng	#	92
91) Benzo(g,h,i)perylene	17.77	276	513372	66.487	ng	#	90

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

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