Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062218\
Data File : BF106714.D
Acq On : 22 Jun 2018 17:57
Operator : JU/SJ
Sample : PB110505BS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB110505BS

Manual Integrations APPROVED
Sohil
6/25/2018 5:16:50 PM

Quant Time: Jun 22 22:59:06 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 22 11:34:03 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.96	152	56289	20.00	ng		0.00
21) Naphthalene-d8	8.24	136	223836	20.00	ng		0.00
38) Acenaphthene-d10	10.00	164	124144	20.00	ng		0.00
63) Phenanthrene-d10	11.50	188	262128	20.00	ng		0.00
75) Chrysene-d12	14.15	240	213032	20.00	ng		0.00
86) Perylene-d12	15.69	264	172795	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.61	112	362197	108.96	ng		0.00
7) Phenol-d6	6.61	99	467529	112.62	ng		0.00
23) Nitrobenzene-d5	7.52	82	309637	76.88	ng		0.00
41) 2,4,6-Tribromophenol	10.80	330	179402	124.68	ng		0.00
44) 2-Fluorobiphenyl	9.32	172	590224	79.52	ng		0.00
78) Terphenyl-d14	13.08	244	758192	86.21	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.89	88	50748	29.694	ng		98
3) Pyridine	3.65	79	150086	32.382	ng		98
4) n-Nitrosodimethylamine	3.62	42	61514	31.248	ng		87
6) Aniline	6.63	93	120586	21.414	ng		99
8) 2-Chlorophenol	6.75	128	134707	36.946	ng		98
9) Benzaldehyde	6.51	77	64957	20.082	ng		99
10) Phenol	6.62	94	162304	34.259	ng		87
11) bis(2-Chloroethyl)ether	6.70	93	136981	35.024	ng		100
12) 1,3-Dichlorobenzene	6.90	146	158561	37.131	ng		99
13) 1,4-Dichlorobenzene	6.98	146	158899	36.805	ng		98
14) 1,2-Dichlorobenzene	7.13	146	147291	37.226	ng		97
15) Benzyl Alcohol	7.10	79	120648	36.195	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.23	45	201798	39.325	ng		89
17) 2-Methylphenol	7.22	107	116970	37.488	ng	#	92
18) Hexachloroethane	7.47	117	56101	36.952	ng		94
19) n-Nitroso-di-n-propylamine	7.37	70	91683	33.505	ng		93
20) 3+4-Methylphenols	7.37	107	140499	40.583	ng	#	73
22) Acetophenone	7.37	105	182283	36.400	ng	#	94
24) Nitrobenzene	7.54	77	149645	36.391	ng		98
25) Isophorone	7.78	82	278780	39.279	ng		98
26) 2-Nitrophenol	7.86	139	77276	39.808	ng		97
27) 2,4-Dimethylphenol	7.90	122	130973	43.651	ng		99
28) bis(2-Chloroethoxy)methane	7.98	93	177755	37.301	ng		98
29) 2,4-Dichlorophenol	8.11	162	124858	39.747	ng		92
30) 1,2,4-Trichlorobenzene	8.18	180	140197	40.514	ng		98
31) Naphthalene	8.27	128	399989	38.222	ng		99
32) Benzoic acid	8.02	122	57906	29.095	ng		96
33) 4-Chloroaniline	8.31	127	53343	12.148	ng		98
34) Hexachlorobutadiene	8.37	225	91888	40.751	ng		98
35) Caprolactam	8.69	113	40731m	39.778	ng		
36) 4-Chloro-3-methylphenol	8.81	107	133161	40.274	ng		95
37) 2-Methylnaphthalene	8.96	142	297293	42.859	ng		96
39) 1,2,4,5-Tetrachlorobenzene	9.12	216	153248	36.655	ng	#	96
40) Hexachlorocyclopentadiene	9.11	237	164404	76.431	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.24	196	95978	34.536	ng		92
43) 2,4,5-Trichlorophenol	9.29	196	100747	34.742	ng	#	87
45) 1,1'-Biphenyl	9.42	154	357566	36.141	ng		99
46) 2-Chloronaphthalene	9.45	162	265799	34.130	ng		97
47) 2-Nitroaniline	9.55	65	86636	33.083	ng		95
48) Acenaphthylene	9.87	152	426866	34.718	ng		99
49) Dimethylphthalate	9.72	163	324522	34.854	ng		98
50) 2,6-Dinitrotoluene	9.79	165	76449	38.775	ng		87
51) Acenaphthene	10.04	154	256733	33.159	ng		97
52) 3-Nitroaniline	9.96	138	37467	16.514	ng		93
53) 2,4-Dinitrophenol	10.07	184	67307	66.618	ng	#	16
54) Dibenzofuran	10.21	168	401224	37.845	ng		96
55) 4-Nitrophenol	10.14	139	96065	60.660	ng		98
56) 2,4-Dinitrotoluene	10.20	165	102867	39.971	ng		88
57) Fluorene	10.55	166	313774	37.297	ng		100
58) 2,3,4,6-Tetrachlorophenol	10.33	232	95456	41.410	ng	#	79
59) Diethylphthalate	10.42	149	311362	34.647	ng	#	94
60) 4-Chlorophenyl-phenylether	10.54	204	160230	36.401	ng	#	85
61) 4-Nitroaniline	10.58	138	78302	34.775	ng		97
62) Azobenzene	10.70	77	301290	34.046	ng		95
64) 4,6-Dinitro-2-methylphenol	10.61	198	55854	34.471	ng	#	72
65) n-Nitrosodiphenylamine	10.67	169	279850	31.741	ng		99
66) 4-Bromophenyl-phenylether	11.04	248	115108	36.795	ng	#	77
67) Hexachlorobenzene	11.10	284	122086	37.287	ng	#	86
68) Atrazine	11.19	200	105164	37.520	ng		94
69) Pentachlorophenol	11.30	266	99703	61.028	ng		99
70) Phenanthrene	11.52	178	475044	37.574	ng		99
71) Anthracene	11.58	178	491323	38.073	ng		99
72) Carbazole	11.73	167	437151	36.182	ng		98
73) Di-n-butylphthalate	12.04	149	507016	35.621	ng		99
74) Fluoranthene	12.71	202	539621	38.724	ng		96
76) Benzidine	12.83	184	203674	33.570	ng		97
77) Pyrene	12.95	202	546665	38.914	ng		99
79) Butylbenzylphthalate	13.55	149	210685	36.477	ng	#	97
80) Benzo(a)anthracene	14.14	228	475081	36.591	ng		100
81) 3,3'-Dichlorobenzidine	14.09	252	69244	15.174	ng	#	97
82) Chrysene	14.18	228	439272	36.775	ng		100
83) Bis(2-ethylhexyl)phthalate	14.11	149	283220	38.355	ng	#	95
84) Di-n-octyl phthalate	14.74	149	429336	35.669	ng		96
85) Indeno(1,2,3-cd)pyrene	17.27	276	414953	40.935	ng	#	89
87) Benzo(b)fluoranthene	15.24	252	399134	37.184	ng	#	96
88) Benzo(k)fluoranthene	15.27	252	356349	34.861	ng	#	95
89) Benzo(a)pyrene	15.63	252	364783	38.228	ng	#	96
90) Dibenzo(a,h)anthracene	17.28	278	340105	42.056	ng	#	94
91) Benzo(g,h,i)perylene	17.75	276	358302	45.330	ng	#	90

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

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