Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF110218\
Data File : BF110452.D
Acq On : 3 Nov 2018 10:47
Operator : JU/SJ
Sample : PB114423BSD
Misc :
ALS Vial : 39 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB114423BSD

Manual Integrations APPROVED
Sohil
11/5/2018 10:32:59 AM

Quant Time: Nov 05 04:10:22 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF102318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Nov 01 16:06:12 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.96	152	88656	20.00	ng		0.00
21) Naphthalene-d8	8.24	136	332499	20.00	ng		0.00
39) Acenaphthene-d10	10.00	164	134739	20.00	ng		0.00
64) Phenanthrene-d10	11.49	188	218971	20.00	ng		0.00
76) Chrysene-d12	14.13	240	135417	20.00	ng		0.00
87) Perylene-d12	15.66	264	98755	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.59	112	496427	91.18	ng		0.01
7) Phenol-d6	6.59	99	621142	89.20	ng		0.00
23) Nitrobenzene-d5	7.52	82	565850	100.94	ng		0.00
42) 2,4,6-Tribromophenol	10.79	330	113945	85.37	ng		0.00
45) 2-Fluorobiphenyl	9.32	172	982264	114.47	ng		0.00
79) Terphenyl-d14	13.07	244	769057	118.11	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.88	88	86726	30.405	ng		91
3) Pyridine	3.65	79	242700	38.202	ng		86
4) n-Nitrosodimethylamine	3.62	42	126204	47.415	ng	#	94
6) Aniline	6.62	93	183844	20.267	ng	#	54
8) 2-Chlorophenol	6.75	128	279179	44.479	ng		98
9) Benzaldehyde	6.51	77	180793	47.069	ng		99
10) Phenol	6.60	94	334189	44.897	ng	#	64
11) bis(2-Chloroethyl)ether	6.69	93	252138	41.173	ng		93
12) 1,3-Dichlorobenzene	6.90	146	286734	41.511	ng		97
13) 1,4-Dichlorobenzene	6.97	146	291728	41.759	ng		98
14) 1,2-Dichlorobenzene	7.13	146	271946	41.933	ng		99
15) Benzyl Alcohol	7.10	79	234640	43.811	ng		93
16) 2,2'-oxybis(1-Chloropropan	7.22	45	400992	40.953	ng		71
17) 2-Methylphenol	7.20	107	222269	44.434	ng	#	83
18) Hexachloroethane	7.46	117	90800	35.501	ng		95
19) n-Nitroso-di-n-propylamine	7.36	70	186429	41.731	ng		95
20) 3+4-Methylphenols	7.36	107	279070	43.160	ng	#	85
22) Acetophenone	7.36	105	376819	49.183	ng	#	93
24) Nitrobenzene	7.54	77	273333	47.227	ng		96
25) Isophorone	7.77	82	505617	52.912	ng		97
26) 2-Nitrophenol	7.86	139	116636	42.350	ng		91
27) 2,4-Dimethylphenol	7.89	122	246011	53.877	ng		98
28) bis(2-Chloroethoxy)methane	7.98	93	319310	49.189	ng		98
29) 2,4-Dichlorophenol	8.10	162	215211	46.651	ng		98
30) 1,2,4-Trichlorobenzene	8.18	180	234491	45.380	ng		97
31) Naphthalene	8.26	128	756655	49.376	ng		99
32) Benzoic acid	8.00	122	85323	24.177	ng		93
33) 4-Chloroaniline	8.31	127	80444	11.664	ng		97
34) Hexachlorobutadiene	8.37	225	131631	45.879	ng		98
35) Caprolactam	8.69	113	66238m	41.196	ng		
36) 4-Chloro-3-methylphenol	8.79	107	224902	45.084	ng		98
37) 2-Methylnaphthalene	8.95	142	507395	50.043	ng		99
38) 1-Methylnaphthalene	9.05	142	468735m	47.839	ng		
40) 1,2,4,5-Tetrachlorobenzene	9.12	216	212424	50.599	ng		98

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Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min)
41) Hexachlorocyclopentadiene	9.10	237	39326	18.319 ng		96
43) 2,4,6-Trichlorophenol	9.23	196	130218	48.090 ng		94
44) 2,4,5-Trichlorophenol	9.27	196	138442	48.369 ng		96
46) 1,1'-Biphenyl	9.42	154	600091	49.251 ng		99
47) 2-Chloronaphthalene	9.45	162	438412	49.052 ng		99
48) 2-Nitroaniline	9.55	65	144195	53.240 ng		90
49) Acenaphthylene	9.86	152	650738	50.409 ng		98
50) Dimethylphthalate	9.71	163	530182	53.305 ng		99
51) 2,6-Dinitrotoluene	9.78	165	101434	47.345 ng		95
52) Acenaphthene	10.03	154	393441	46.071 ng		97
53) 3-Nitroaniline	9.95	138	94843	37.226 ng		97
54) 2,4-Dinitrophenol	10.07	184	8491	14.515 ng		87
55) Dibenzofuran	10.20	168	562263	47.025 ng		98
56) 4-Nitrophenol	10.12	139	194581	103.191 ng		95
57) 2,4-Dinitrotoluene	10.19	165	119726	43.996 ng	#	84
58) Fluorene	10.55	166	436738	49.079 ng		99
59) 2,3,4,6-Tetrachlorophenol	10.32	232	102878	44.098 ng	#	95
60) Diethylphthalate	10.41	149	496435	51.131 ng		100
61) 4-Chlorophenyl-phenylether	10.53	204	216220	46.060 ng		98
62) 4-Nitroaniline	10.57	138	107373	42.373 ng		96
63) Azobenzene	10.70	77	447022	46.385 ng		95
65) 4,6-Dinitro-2-methylphenol	10.60	198	8745	8.741 ng		83
66) n-Nitrosodiphenylamine	10.66	169	389123	54.178 ng		98
67) 4-Bromophenyl-phenylether	11.03	248	119914	50.486 ng		96
68) Hexachlorobenzene	11.10	284	123338	48.941 ng		97
69) Atrazine	11.18	200	124239	54.737 ng		99
70) Pentachlorophenol	11.29	266	95433	64.941 ng		97
71) Phenanthrene	11.52	178	585328	51.086 ng		99
72) Anthracene	11.57	178	616404	53.673 ng		99
73) Carbazole	11.72	167	533169	47.548 ng		99
74) Di-n-butylphthalate	12.03	149	699457	55.231 ng		99
75) Fluoranthene	12.70	202	574391	49.397 ng		99
77) Benzidine	12.83	184	355588	Below Cal		97
78) Pyrene	12.94	202	558022	57.479 ng		98
80) Butylbenzylphthalate	13.54	149	261179	61.982 ng		93
81) Benzo(a)anthracene	14.12	228	422209	52.576 ng		98
82) 3,3'-Dichlorobenzidine	14.08	252	128304	45.882 ng		98
83) Chrysene	14.16	228	386123	50.623 ng		98
84) Bis(2-ethylhexyl)phthalate	14.09	149	352842	61.944 ng		97
85) Di-n-octyl phthalate	14.70	149	538300	60.776 ng		99
86) Indeno(1,2,3-cd)pyrene	17.23	276	295608	46.717 ng		97
88) Benzo(b)fluoranthene	15.20	252	306298	53.711 ng		100
89) Benzo(k)fluoranthene	15.23	252	316495	56.453 ng		98
90) Benzo(a)pyrene	15.59	252	288512	54.981 ng		96
91) Dibenzo(a,h)anthracene	17.23	278	249174	55.032 ng		99
92) Benzo(g,h,i)perylene	17.70	276	232215	52.046 ng		98

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

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