Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061318\
Data File : BF106416.D
Acq On : 14 Jun 2018 3:02
Operator : JU/SJ
Sample : PB110157BSD
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB110157BSD

Manual Integrations APPROVED
Sohil
6/14/2018 2:51:43 PM

Quant Time: Jun 14 04:18:33 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 13 10:51:26 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	142133	20.00	ng		-0.01
21) Naphthalene-d8	8.25	136	543449	20.00	ng		-0.01
38) Acenaphthene-d10	10.01	164	267580	20.00	ng		0.00
63) Phenanthrene-d10	11.50	188	523976	20.00	ng		0.00
75) Chrysene-d12	14.15	240	378774	20.00	ng		-0.01
86) Perylene-d12	15.68	264	369273	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.61	112	731464	87.10	ng		-0.01
7) Phenol-d6	6.61	99	851342	80.24	ng		-0.01
23) Nitrobenzene-d5	7.54	82	842320	91.18	ng		0.00
41) 2,4,6-Tribromophenol	10.81	330	271318	105.38	ng		0.00
44) 2-Fluorobiphenyl	9.32	172	1404592	97.60	ng		0.00
78) Terphenyl-d14	13.08	244	1464503	96.03	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.86	88	144045	33.143	ng		95
3) Pyridine	3.62	79	437685	36.138	ng		98
4) n-Nitrosodimethylamine	3.60	42	203855	36.741	ng		91
6) Aniline	6.63	93	301831	19.482	ng	#	31
8) 2-Chlorophenol	6.77	128	392760	43.491	ng		99
9) Benzaldehyde	6.52	77	273571	33.994	ng		97
10) Phenol	6.62	94	510414	44.067	ng		82
11) bis(2-Chloroethyl)ether	6.70	93	403223	40.666	ng		97
12) 1,3-Dichlorobenzene	6.91	146	441779	41.564	ng		98
13) 1,4-Dichlorobenzene	6.98	146	442837	41.057	ng		100
14) 1,2-Dichlorobenzene	7.14	146	409781	40.358	ng		99
15) Benzyl Alcohol	7.11	79	363513	40.007	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.24	45	584871	41.149	ng	#	23
17) 2-Methylphenol	7.23	107	334351	41.497	ng	#	88
18) Hexachloroethane	7.48	117	158565	41.258	ng		97
19) n-Nitroso-di-n-propylamine	7.38	70	282279	35.463	ng		96
20) 3+4-Methylphenols	7.38	107	440130	42.715	ng		97
22) Acetophenone	7.37	105	548121	40.022	ng		99
24) Nitrobenzene	7.55	77	449139	44.732	ng		99
25) Isophorone	7.79	82	809824	44.881	ng		99
26) 2-Nitrophenol	7.87	139	214848	55.128	ng		96
27) 2,4-Dimethylphenol	7.91	122	363722	47.616	ng		99
28) bis(2-Chloroethoxy)methane	8.00	93	511203	43.693	ng		99
29) 2,4-Dichlorophenol	8.12	162	356785	48.415	ng		97
30) 1,2,4-Trichlorobenzene	8.19	180	359036	43.452	ng		94
31) Naphthalene	8.27	128	1081502	44.023	ng		98
32) Benzoic acid	8.04	122	237971	43.113	ng		94
33) 4-Chloroaniline	8.32	127	112533	10.336	ng		98
34) Hexachlorobutadiene	8.38	225	229487	43.230	ng		99
35) Caprolactam	8.69	113	124354m	49.888	ng		
36) 4-Chloro-3-methylphenol	8.82	107	375865	46.109	ng		96
37) 2-Methylnaphthalene	8.97	142	757103	45.248	ng		97
39) 1,2,4,5-Tetrachlorobenzene	9.13	216	389807	44.876	ng		97
40) Hexachlorocyclopentadiene	9.11	237	247561	51.655	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.25	196	272326	49.195	ng		98
43) 2,4,5-Trichlorophenol	9.30	196	287103	48.110	ng		94
45) 1,1'-Biphenyl	9.43	154	890515	42.967	ng		98
46) 2-Chloronaphthalene	9.45	162	725454	43.740	ng		99
47) 2-Nitroaniline	9.55	65	261613	50.141	ng		92
48) Acenaphthylene	9.88	152	1151663	45.365	ng		98
49) Dimethylphthalate	9.73	163	887584	46.429	ng	#	99
50) 2,6-Dinitrotoluene	9.80	165	198770	50.902	ng		93
51) Acenaphthene	10.05	154	659775	40.243	ng		99
52) 3-Nitroaniline	9.96	138	111994	24.164	ng		96
53) 2,4-Dinitrophenol	10.07	184	159086	87.792	ng	#	16
54) Dibenzofuran	10.22	168	991860	44.927	ng		96
55) 4-Nitrophenol	10.15	139	297743	83.812	ng		94
56) 2,4-Dinitrotoluene	10.20	165	275660	56.214	ng	#	99
57) Fluorene	10.56	166	777225	44.434	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.34	232	245749	51.957	ng	#	84
59) Diethylphthalate	10.42	149	857791	45.207	ng		95
60) 4-Chlorophenyl-phenylether	10.55	204	401507	43.642	ng		92
61) 4-Nitroaniline	10.58	138	195991	43.463	ng		98
62) Azobenzene	10.71	77	868169	43.879	ng		93
64) 4,6-Dinitro-2-methylphenol	10.61	198	123385	44.222	ng		78
65) n-Nitrosodiphenylamine	10.67	169	754273	42.832	ng		96
66) 4-Bromophenyl-phenylether	11.04	248	283327	47.541	ng	#	83
67) Hexachlorobenzene	11.11	284	288740	46.995	ng	#	87
68) Atrazine	11.20	200	267603	49.310	ng		97
69) Pentachlorophenol	11.31	266	262138	69.299	ng		99
70) Phenanthrene	11.52	178	1126090	43.883	ng		98
71) Anthracene	11.58	178	1159318	45.096	ng		97
72) Carbazole	11.74	167	1026890	43.267	ng		97
73) Di-n-butylphthalate	12.05	149	1276943	48.342	ng		99
74) Fluoranthene	12.72	202	1110970	40.596	ng		97
76) Benzidine	12.84	184	571125	45.305	ng		99
77) Pyrene	12.95	202	1091878	46.044	ng		97
79) Butylbenzylphthalate	13.55	149	519536	58.529	ng		96
80) Benzo(a)anthracene	14.14	228	1008959	44.762	ng		97
81) 3,3'-Dichlorobenzidine	14.09	252	258878	34.040	ng	#	97
82) Chrysene	14.18	228	950452	46.184	ng		98
83) Bis(2-ethylhexyl)phthalate	14.11	149	694979	54.605	ng		99
84) Di-n-octyl phthalate	14.74	149	1065995	58.097	ng		99
85) Indeno(1,2,3-cd)pyrene	17.24	276	838495	51.052	ng	#	93
87) Benzo(b)fluoranthene	15.22	252	1003549	44.958	ng		96
88) Benzo(k)fluoranthene	15.25	252	994312	44.977	ng	#	97
89) Benzo(a)pyrene	15.61	252	970700	48.347	ng		97
90) Dibenzo(a,h)anthracene	17.26	278	715900	42.769	ng		96
91) Benzo(g,h,i)perylene	17.72	276	649347	39.917	ng	#	93

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

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