Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF062317\
Data File : BF096158.D
Acq On : 23 Jun 2017 14:23
Operator : SJ/MA
Sample : PB100046BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB100046BS

Manual Integrations APPROVED
mohammad
6/28/2017 1:10:27 PM

Quant Time: Jun 23 23:51:57 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 20 16:05:47 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.26	152	66039	20.00	ng		-0.04
21) Naphthalene-d8	9.29	136	280771	20.00	ng		-0.04
38) Acenaphthene-d10	12.12	164	131688	20.00	ng		-0.04
63) Phenanthrene-d10	14.51	188	242933	20.00	ng		-0.03
75) Chrysene-d12	18.25	240	196179	20.00	ng		-0.02
86) Perylene-d12	19.92	264	152371	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.16	112	559589	135.02	ng		-0.02
7) Phenol-d6	6.85	99	620090	124.98	ng		-0.03
23) Nitrobenzene-d5	8.19	82	373023	82.51	ng		-0.04
41) 2,4,6-Tribromophenol	13.42	330	145007	124.46	ng		-0.03
44) 2-Fluorobiphenyl	11.07	172	776983	82.11	ng		-0.04
78) Terphenyl-d14	16.90	244	707730	89.53	ng		-0.03
Target Compounds							Qvalue
2) 1,4-Dioxane	1.65	88	70709	35.86	ng	#	80
3) Pyridine	2.18	79	176195	38.02	ng		94
4) n-Nitrosodimethylamine	2.15	42	72831	41.34	ng		88
6) Aniline	6.77	93	131950	20.33	ng		95
8) 2-Chlorophenol	6.95	128	201492	45.73	ng		92
9) Benzaldehyde	6.57	77	97102	29.01	ng		97
10) Phenol	6.86	94	237673	46.18	ng		91
11) bis(2-Chloroethyl)ether	6.91	93	182992	44.88	ng		96
12) 1,3-Dichlorobenzene	7.16	146	215366	43.18	ng		98
13) 1,4-Dichlorobenzene	7.29	146	217268	42.95	ng		98
14) 1,2-Dichlorobenzene	7.52	146	203472	43.64	ng		96
15) Benzyl Alcohol	7.58	79	158530	46.55	ng		96
16) 2,2'-oxybis(1-Chloropropan	7.76	45	250999	43.82	ng		98
17) 2-Methylphenol	7.82	107	166804	45.11	ng		96
18) Hexachloroethane	8.03	117	74531	44.61	ng	#	85
19) n-Nitroso-di-n-propylamine	8.00	70	136604	43.45	ng		94
20) 3+4-Methylphenols	8.09	107	221821	47.25	ng	#	60
22) Acetophenone	7.96	105	278458	42.37	ng	#	84
24) Nitrobenzene	8.22	77	194065	40.18	ng		93
25) Isophorone	8.62	82	352023	41.70	ng		96
26) 2-Nitrophenol	8.73	139	110907	43.86	ng		97
27) 2,4-Dimethylphenol	8.89	122	174933	44.57	ng		98
28) bis(2-Chloroethoxy)methane	9.00	93	232682	41.82	ng		99
29) 2,4-Dichlorophenol	9.17	162	167878	44.42	ng		97
30) 1,2,4-Trichlorobenzene	9.23	180	161040	40.95	ng		98
31) Naphthalene	9.33	128	574795	40.79	ng		98
32) Benzoic acid	9.29	122	105848	43.67	ng		96
33) 4-Chloroaniline	9.51	127	74833	13.59	ng	#	91
34) Hexachlorobutadiene	9.55	225	83358	41.02	ng		96
35) Caprolactam	10.14	113	55224m	49.10	ng		
36) 4-Chloro-3-methylphenol	10.39	107	178584	45.14	ng		89
37) 2-Methylnaphthalene	10.46	142	407382	42.79	ng		97
39) 1,2,4,5-Tetrachlorobenzene	10.74	216	157463	39.95	ng		99
40) Hexachlorocyclopentadiene	10.70	237	80880	67.51	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	10.97	196	107772	42.53	ng		99
43) 2,4,5-Trichlorophenol	11.08	196	107893	40.03	ng		95
45) 1,1'-Biphenyl	11.22	154	454219	41.85	ng		97
46) 2-Chloronaphthalene	11.24	162	347349	40.96	ng		96
47) 2-Nitroaniline	11.47	65	102289	41.22	ng	#	83
48) Acenaphthylene	11.89	152	544441	37.54	ng		99
49) Dimethylphthalate	11.79	163	422562	42.26	ng		98
50) 2,6-Dinitrotoluene	11.89	165	88307	40.49	ng	#	68
51) Acenaphthene	12.17	154	331575	39.59	ng		99
52) 3-Nitroaniline	12.16	138	49545	19.50	ng		89
53) 2,4-Dinitrophenol	12.39	184	79144	65.38	ng	#	67
54) Dibenzofuran	12.46	168	512937	43.52	ng		98
55) 4-Nitrophenol	12.59	139	104610	71.06	ng	#	81
56) 2,4-Dinitrotoluene	12.56	165	131804	44.74	ng	#	90
57) Fluorene	13.01	166	412714	40.23	ng		99
58) 2,3,4,6-Tetrachlorophenol	12.72	232	89599	48.58	ng	#	91
59) Diethylphthalate	12.93	149	423558	44.02	ng		99
60) 4-Chlorophenyl-phenylether	13.04	204	184397	41.34	ng		89
61) 4-Nitroaniline	13.16	138	91455	38.55	ng		94
62) Azobenzene	13.30	77	393679	45.14	ng		93
64) 4,6-Dinitro-2-methylphenol	13.24	198	61987	38.82	ng		81
65) n-Nitrosodiphenylamine	13.26	169	357777	40.99	ng		98
66) 4-Bromophenyl-phenylether	13.82	248	106278	42.09	ng		99
67) Hexachlorobenzene	13.90	284	105779	42.52	ng	#	90
68) Atrazine	14.19	200	108069	44.48	ng		96
69) Pentachlorophenol	14.27	266	61566	66.48	ng		95
70) Phenanthrene	14.55	178	595098	42.46	ng		97
71) Anthracene	14.63	178	617892	42.22	ng		98
72) Carbazole	14.94	167	577147	40.47	ng		97
73) Di-n-butylphthalate	15.53	149	709954	46.79	ng		99
74) Fluoranthene	16.34	202	619393	44.65	ng		97
76) Benzidine	16.58	184	208057	27.61	ng	#	92
77) Pyrene	16.64	202	627705	42.88	ng		99
79) Butylbenzylphthalate	17.57	149	302667	47.34	ng	#	86
80) Benzo(a)anthracene	18.24	228	494655	43.37	ng		99
81) 3,3'-Dichlorobenzidine	18.22	252	106687	26.31	ng	#	97
82) Chrysene	18.28	228	484777	42.53	ng		100
83) Bis(2-ethylhexyl)phthalate	18.32	149	452177	50.14	ng		100
84) Di-n-octyl phthalate	19.09	149	730748	49.18	ng		96
85) Indeno(1,2,3-cd)pyrene	21.07	276	361256	37.04	ng		100
87) Benzo(b)fluoranthene	19.51	252	407369	42.70	ng		98
88) Benzo(k)fluoranthene	19.54	252	417666	45.80	ng	#	95
89) Benzo(a)pyrene	19.86	252	380070	43.34	ng		98
90) Dibenzo(a,h)anthracene	21.07	278	301580	40.54	ng		97
91) Benzo(g,h,i)perylene	21.39	276	311849	41.12	ng		94

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

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