Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF030817\
Data File : BF093438.D
Acq On : 8 Mar 2017 19:45
Operator : SJ/MA
Sample : PB97449BSD
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB97449BSD

Manual Integrations APPROVED
mohammad
3/10/2017 8:11:50 AM

Quant Time: Mar 09 00:10:37 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF030717.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Mar 07 15:55:22 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.76	152	175581m	20.00	ng		-0.01
21) Naphthalene-d8	8.05	136	708363	20.00	ng		-0.01
38) Acenaphthene-d10	9.81	164	345857	20.00	ng		0.00
63) Phenanthrene-d10	11.29	188	624481	20.00	ng		0.01
75) Chrysene-d12	13.93	240	531693	20.00	ng		0.01
86) Perylene-d12	15.34	264	397981	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.36	112	915835	86.81	ng		0.01
7) Phenol-d6	6.41	99	1062424	79.86	ng		0.00
23) Nitrobenzene-d5	7.34	82	1006005	78.80	ng		0.00
41) 2,4,6-Tribromophenol	10.60	330	207197	91.95	ng		0.00
44) 2-Fluorobiphenyl	9.13	172	1747284	93.97	ng		0.00
78) Terphenyl-d14	12.87	244	1397680	68.35	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.33	88	187871	32.33	ng	#	83
3) Pyridine	3.03	79	496342	33.50	ng		91
4) n-Nitrosodimethylamine	2.98	42	281533	39.79	ng		84
6) Aniline	6.42	93	457762	25.07	ng		88
8) 2-Chlorophenol	6.55	128	493052	41.71	ng		98
9) Benzaldehyde	6.32	77	81444	7.19	ng		97
10) Phenol	6.42	94	616281	37.80	ng		83
11) bis(2-Chloroethyl)ether	6.50	93	511223	38.80	ng		98
12) 1,3-Dichlorobenzene	6.70	146	525017m	38.81	ng		
13) 1,4-Dichlorobenzene	6.78	146	541728m	39.11	ng		
14) 1,2-Dichlorobenzene	6.93	146	468045	38.16	ng		96
15) Benzyl Alcohol	6.92	79	387986	40.91	ng		94
16) 2,2'-oxybis(1-Chloropropan	7.05	45	854211	39.03	ng		87
17) 2-Methylphenol	7.04	107	405707	40.58	ng		95
18) Hexachloroethane	7.27	117	185292	39.66	ng		98
19) n-Nitroso-di-n-propylamine	7.19	70	389951	42.64	ng		98
20) 3+4-Methylphenols	7.20	107	557389	42.99	ng	#	74
22) Acetophenone	7.18	105	689637	40.46	ng	#	97
24) Nitrobenzene	7.36	77	576276	40.16	ng		90
25) Isophorone	7.60	82	1040536	40.42	ng		98
26) 2-Nitrophenol	7.68	139	270892	41.38	ng	#	87
27) 2,4-Dimethylphenol	7.73	122	473415	44.45	ng		94
28) bis(2-Chloroethoxy)methane	7.81	93	630881	38.82	ng		98
29) 2,4-Dichlorophenol	7.92	162	429478	42.87	ng		85
30) 1,2,4-Trichlorobenzene	8.00	180	426217	40.00	ng		97
31) Naphthalene	8.07	128	1314197	37.02	ng		99
32) Benzoic acid	7.89	122	226943	41.01	ng		98
33) 4-Chloroaniline	8.14	127	289155	20.07	ng		97
34) Hexachlorobutadiene	8.18	225	214853	39.15	ng		98
35) Caprolactam	8.52	113	151230m	44.20	ng		
36) 4-Chloro-3-methylphenol	8.63	107	440567	41.20	ng		93
37) 2-Methylnaphthalene	8.77	142	925943	41.00	ng		98
39) 1,2,4,5-Tetrachlorobenzene	8.94	216	401875	42.55	ng		99
40) Hexachlorocyclopentadiene	8.92	237	218060	89.77	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.05	196	272250	46.14	ng		91
43) 2,4,5-Trichlorophenol	9.11	196	265424	41.92	ng	#	86
45) 1,1'-Biphenyl	9.22	154	1071935	42.55	ng		95
46) 2-Chloronaphthalene	9.26	162	888412	46.07	ng		97
47) 2-Nitroaniline	9.36	65	312054	45.77	ng		93
48) Acenaphthylene	9.67	152	1353539	42.56	ng		98
49) Dimethylphthalate	9.53	163	1022741	44.61	ng		98
50) 2,6-Dinitrotoluene	9.60	165	215962	42.92	ng	#	44
51) Acenaphthene	9.84	154	832641	44.27	ng		97
52) 3-Nitroaniline	9.77	138	154967	25.64	ng		91
53) 2,4-Dinitrophenol	9.90	184	218544	95.38	ng	#	61
54) Dibenzofuran	10.01	168	1145851	48.67	ng		97
55) 4-Nitrophenol	9.97	139	267944	91.27	ng		91
56) 2,4-Dinitrotoluene	10.02	165	275218	44.53	ng	#	65
57) Fluorene	10.36	166	927541	46.50	ng		98
58) 2,3,4,6-Tetrachlorophenol	10.14	232	221152	49.49	ng		99
59) Diethylphthalate	10.23	149	915631	41.78	ng		99
60) 4-Chlorophenyl-phenylether	10.34	204	418017	46.75	ng		89
61) 4-Nitroaniline	10.40	138	269697	43.63	ng		82
62) Azobenzene	10.50	77	1235491	49.62	ng		97
64) 4,6-Dinitro-2-methylphenol	10.44	198	163179	40.33	ng		88
65) n-Nitrosodiphenylamine	10.47	169	830936	39.85	ng		99
66) 4-Bromophenyl-phenylether	10.84	248	262777	39.79	ng	#	88
67) Hexachlorobenzene	10.90	284	251798	39.93	ng		94
68) Atrazine	11.00	200	250819	41.10	ng		99
69) Pentachlorophenol	11.11	266	197594	90.76	ng		98
70) Phenanthrene	11.32	178	1342314	37.66	ng		99
71) Anthracene	11.37	178	1470523	40.78	ng		98
72) Carbazole	11.53	167	1336721	39.46	ng		98
73) Di-n-butylphthalate	11.85	149	1648464	42.06	ng	#	97
74) Fluoranthene	12.50	202	1354520	39.34	ng		98
76) Benzidine	12.63	184	514215	29.41	ng		97
77) Pyrene	12.73	202	1393063	36.03	ng		99
79) Butylbenzylphthalate	13.35	149	716262	44.00	ng	#	83
80) Benzo(a)anthracene	13.92	228	1148272	36.57	ng		99
81) 3,3'-Dichlorobenzidine	13.89	252	306000	27.83	ng	#	95
82) Chrysene	13.96	228	1010015	34.77	ng		100
83) Bis(2-ethylhexyl)phthalate	13.90	149	927387	40.87	ng		100
84) Di-n-octyl phthalate	14.52	149	1608409	42.53	ng		98
85) Indeno(1,2,3-cd)pyrene	16.72	276	834543	34.32	ng	#	93
87) Benzo(b)fluoranthene	14.95	252	1131015m	46.66	ng		
88) Benzo(k)fluoranthene	14.97	252	819021m	35.04	ng		
89) Benzo(a)pyrene	15.29	252	923788	41.70	ng		98
90) Dibenzo(a,h)anthracene	16.72	278	706226	38.54	ng		96
91) Benzo(g,h,i)perylene	17.13	276	733683	39.01	ng	#	92

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

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