Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF072817\
Data File : BF097161.D
Acq On : 28 Jul 2017 18:39
Operator : SJ/JU
Sample : PB101039BS
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB101039BS

Manual Integrations APPROVED
Sohil
7/31/2017 6:52:13 PM

Quant Time: Jul 28 23:04:20 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF072517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 25 14:11:51 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.49	152	96930	20.00	ng		-0.01
21) Naphthalene-d8	7.77	136	430361	20.00	ng		-0.02
38) Acenaphthene-d10	9.52	164	172781	20.00	ng		-0.02
63) Phenanthrene-d10	10.99	188	338063	20.00	ng		-0.01
75) Chrysene-d12	13.62	240	210527	20.00	ng		-0.01
86) Perylene-d12	14.96	264	172466	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.10	112	711303	110.62	ng		0.00
7) Phenol-d6	6.16	99	880987	120.02	ng		-0.01
23) Nitrobenzene-d5	7.06	82	533524	72.73	ng		-0.02
41) 2,4,6-Tribromophenol	10.31	330	175201	128.34	ng		-0.01
44) 2-Fluorobiphenyl	8.85	172	951128	93.42	ng		-0.02
78) Terphenyl-d14	12.57	244	788656	76.38	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.09	88	89676	33.421	ng	#	75
3) Pyridine	2.71	79	278735	33.924	ng	#	66
4) n-Nitrosodimethylamine	2.66	42	168183	36.948	ng		83
6) Aniline	6.15	93	166123	17.984	ng	#	56
8) 2-Chlorophenol	6.27	128	257286	37.421	ng		93
9) Benzaldehyde	6.03	77	189376	43.586	ng		97
10) Phenol	6.16	94	312381	35.877	ng		96
11) bis(2-Chloroethyl)ether	6.23	93	251682	36.548	ng		93
12) 1,3-Dichlorobenzene	6.43	146	266838	36.014	ng		99
13) 1,4-Dichlorobenzene	6.50	146	284986	38.811	ng		95
14) 1,2-Dichlorobenzene	6.66	146	237824	37.094	ng		97
15) Benzyl Alcohol	6.65	79	188573	40.575	ng		97
16) 2,2'-oxybis(1-Chloropropan	6.77	45	496571	35.952	ng		61
17) 2-Methylphenol	6.77	107	198350	37.380	ng	#	91
18) Hexachloroethane	6.99	117	98066	36.506	ng	#	80
19) n-Nitroso-di-n-propylamine	6.92	70	172500	35.701	ng	#	84
20) 3+4-Methylphenols	6.93	107	268403	38.728	ng	#	63
22) Acetophenone	6.90	105	337281	32.635	ng	#	98
24) Nitrobenzene	7.07	77	257228	33.667	ng		93
25) Isophorone	7.32	82	527243	36.699	ng		98
26) 2-Nitrophenol	7.39	139	157678	38.146	ng	#	85
27) 2,4-Dimethylphenol	7.45	122	258642	37.931	ng		96
28) bis(2-Chloroethoxy)methane	7.53	93	355512	37.919	ng		100
29) 2,4-Dichlorophenol	7.65	162	231780	39.458	ng		96
30) 1,2,4-Trichlorobenzene	7.72	180	210531	37.601	ng		97
31) Naphthalene	7.79	128	802717	39.569	ng		99
32) Benzoic acid	7.60	122	184316	36.200	ng		94
33) 4-Chloroaniline	7.85	127	111775	13.541	ng		96
34) Hexachlorobutadiene	7.92	225	109244	36.803	ng		95
35) Caprolactam	8.22	113	78238m	41.537	ng		
36) 4-Chloro-3-methylphenol	8.36	107	226274	35.308	ng		88
37) 2-Methylnaphthalene	8.48	142	494226	38.477	ng		99
39) 1,2,4,5-Tetrachlorobenzene	8.65	216	178916	38.808	ng		99
40) Hexachlorocyclopentadiene	8.64	237	94183	60.199	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.77	196	125525	37.572	ng		97
43) 2,4,5-Trichlorophenol	8.82	196	136622	40.856	ng		98
45) 1,1'-Biphenyl	8.95	154	543508	36.828	ng		98
46) 2-Chloronaphthalene	8.97	162	410057	37.758	ng		93
47) 2-Nitroaniline	9.07	65	154227	39.131	ng		93
48) Acenaphthylene	9.38	152	679631	40.771	ng		99
49) Dimethylphthalate	9.26	163	512550	39.064	ng		100
50) 2,6-Dinitrotoluene	9.32	165	115866	41.636	ng	#	72
51) Acenaphthene	9.55	154	391541	39.876	ng		98
52) 3-Nitroaniline	9.48	138	55613	16.100	ng		95
53) 2,4-Dinitrophenol	9.60	184	101900	80.535	ng	#	74
54) Dibenzofuran	9.72	168	601895	46.021	ng		99
55) 4-Nitrophenol	9.67	139	151282	73.648	ng	#	54
56) 2,4-Dinitrotoluene	9.73	165	147925	46.240	ng	#	75
57) Fluorene	10.06	166	430409	43.786	ng		100
58) 2,3,4,6-Tetrachlorophenol	9.85	232	103175	44.686	ng		98
59) Diethylphthalate	9.96	149	531859	44.184	ng		100
60) 4-Chlorophenyl-phenylether	10.06	204	175403	43.212	ng		98
61) 4-Nitroaniline	10.10	138	121947	37.155	ng		92
62) Azobenzene	10.22	77	454585	40.708	ng		93
64) 4,6-Dinitro-2-methylphenol	10.13	198	72103	34.323	ng		89
65) n-Nitrosodiphenylamine	10.18	169	381004	32.391	ng		98
66) 4-Bromophenyl-phenylether	10.55	248	119591	35.447	ng		98
67) Hexachlorobenzene	10.62	284	126104	33.332	ng		95
68) Atrazine	10.72	200	117597	34.865	ng		94
69) Pentachlorophenol	10.81	266	108386	69.240	ng		99
70) Phenanthrene	11.02	178	717325	39.602	ng		99
71) Anthracene	11.07	178	717194	38.658	ng		99
72) Carbazole	11.23	167	674257	36.954	ng		98
73) Di-n-butylphthalate	11.57	149	851481	37.753	ng		99
74) Fluoranthene	12.20	202	723648	40.780	ng		98
76) Benzidine	12.32	184	68370	8.752	ng	#	93
77) Pyrene	12.42	202	714605	41.462	ng		99
79) Butylbenzylphthalate	13.05	149	346124	39.480	ng	#	76
80) Benzo(a)anthracene	13.60	228	549739	40.357	ng		99
81) 3,3'-Dichlorobenzidine	13.57	252	107813	20.988	ng	#	97
82) Chrysene	13.65	228	527141	39.630	ng		99
83) Bis(2-ethylhexyl)phthalate	13.62	149	452023	39.489	ng		99
84) Di-n-octyl phthalate	14.23	149	759585	36.160	ng	#	93
85) Indeno(1,2,3-cd)pyrene	16.19	276	389113	34.116	ng		97
87) Benzo(b)fluoranthene	14.60	252	435745	42.031	ng		97
88) Benzo(k)fluoranthene	14.63	252	418918	42.404	ng		97
89) Benzo(a)pyrene	14.91	252	399114	42.063	ng		97
90) Dibenzo(a,h)anthracene	16.19	278	320124	41.142	ng		96
91) Benzo(g,h,i)perylene	16.55	276	339224	41.573	ng		98

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

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