Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF100917\
Data File : BF099265.D
Acq On : 9 Oct 2017 16:33
Operator : SJ/JU
Sample : I5702-01MSD
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PHOENIX-RAWMSD

Manual Integrations APPROVED
Sohil
10/10/2017 5:10:35 PM

Quant Time: Oct 09 17:33:24 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 05 17:20:48 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	111635	20.00	ng		0.00
21) Naphthalene-d8	8.15	136	476219	20.00	ng		0.00
38) Acenaphthene-d10	9.90	164	224648	20.00	ng		0.00
63) Phenanthrene-d10	11.39	188	417675	20.00	ng		0.00
75) Chrysene-d12	14.03	240	322061	20.00	ng		0.00
86) Perylene-d12	15.50	264	252480	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.50	112	870987	124.20	ng		0.02
7) Phenol-d6	6.50	99	1084448	125.36	ng		0.00
23) Nitrobenzene-d5	7.43	82	647902	87.25	ng		0.00
41) 2,4,6-Tribromophenol	10.70	330	245631	133.62	ng		0.00
44) 2-Fluorobiphenyl	9.22	172	1183504	87.95	ng		0.00
78) Terphenyl-d14	12.97	244	1090852	77.03	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.69	88	107542	32.103	ng		96
3) Pyridine	3.53	79	54616	6.027	ng		96
4) n-Nitrosodimethylamine	3.42	42	128469	33.431	ng		81
6) Aniline	6.53	93	396722	33.978	ng		96
8) 2-Chlorophenol	6.65	128	318399	40.093	ng		97
9) Benzaldehyde	6.42	77	128356	25.578	ng		94
10) Phenol	6.52	94	402504	41.602	ng		99
11) bis(2-Chloroethyl)ether	6.60	93	295780	39.325	ng		95
12) 1,3-Dichlorobenzene	6.80	146	334463	40.214	ng		97
13) 1,4-Dichlorobenzene	6.88	146	339284	40.095	ng		99
14) 1,2-Dichlorobenzene	7.03	146	319551	40.869	ng		98
15) Benzyl Alcohol	7.01	79	255365	40.238	ng		96
16) 2,2'-oxybis(1-Chloropropan	7.14	45	420071	35.847	ng		95
17) 2-Methylphenol	7.12	107	269517	41.477	ng		98
18) Hexachloroethane	7.37	117	116201	38.204	ng		98
19) n-Nitroso-di-n-propylamine	7.28	70	200677	36.333	ng		94
20) 3+4-Methylphenols	7.27	107	321829	39.150	ng	#	70
22) Acetophenone	7.27	105	422405	36.610	ng	#	96
24) Nitrobenzene	7.45	77	322947	38.338	ng		94
25) Isophorone	7.69	82	598902	39.009	ng		100
26) 2-Nitrophenol	7.76	139	183848	45.386	ng		91
27) 2,4-Dimethylphenol	7.80	122	290370	37.958	ng		98
28) bis(2-Chloroethoxy)methane	7.89	93	381513	39.875	ng		100
29) 2,4-Dichlorophenol	8.00	162	278211	42.359	ng		98
30) 1,2,4-Trichlorobenzene	8.09	180	269181	40.977	ng		99
31) Naphthalene	8.17	128	915350	40.926	ng		100
32) Benzoic acid	7.92	122	133462	21.239	ng		96
33) 4-Chloroaniline	8.22	127	352637	37.755	ng		98
34) Hexachlorobutadiene	8.28	225	128395	37.947	ng		99
35) Caprolactam	8.60	113	97282m	46.175	ng		
36) 4-Chloro-3-methylphenol	8.70	107	297122	40.248	ng		94
37) 2-Methylnaphthalene	8.86	142	639070	43.953	ng		99
39) 1,2,4,5-Tetrachlorobenzene	9.03	216	249574	37.252	ng		99
40) Hexachlorocyclopentadiene	9.01	237	176869	57.768	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.14	196	184116	38.792	ng		98
43) 2,4,5-Trichlorophenol	9.18	196	199470	42.101	ng		98
45) 1,1'-Biphenyl	9.32	154	746659	38.673	ng		99
46) 2-Chloronaphthalene	9.35	162	591155	40.780	ng		97
47) 2-Nitroaniline	9.45	65	183737	41.394	ng		91
48) Acenaphthylene	9.77	152	907024	40.873	ng		99
49) Dimethylphthalate	9.63	163	901889	53.192	ng		100
50) 2,6-Dinitrotoluene	9.69	165	162264	43.959	ng	#	86
51) Acenaphthene	9.94	154	535084	38.065	ng		98
52) 3-Nitroaniline	9.86	138	169992	39.496	ng		92
53) 2,4-Dinitrophenol	9.97	184	129594	68.350	ng	#	88
54) Dibenzofuran	10.11	168	812230	43.397	ng		100
55) 4-Nitrophenol	10.03	139	256740	70.546	ng		86
56) 2,4-Dinitrotoluene	10.10	165	216925	45.282	ng		91
57) Fluorene	10.45	166	638655	42.454	ng		98
58) 2,3,4,6-Tetrachlorophenol	10.23	232	145799	44.547	ng		97
59) Diethylphthalate	10.32	149	673812	40.670	ng		99
60) 4-Chlorophenyl-phenylether	10.44	204	279395	41.346	ng		98
61) 4-Nitroaniline	10.48	138	201995	48.646	ng		90
62) Azobenzene	10.60	77	624628	41.004	ng		93
64) 4,6-Dinitro-2-methylphenol	10.51	198	99222	39.045	ng	#	77
65) n-Nitrosodiphenylamine	10.56	169	579364	40.040	ng		99
66) 4-Bromophenyl-phenylether	10.93	248	165887	40.576	ng		89
67) Hexachlorobenzene	11.00	284	172071	39.407	ng		99
68) Atrazine	11.09	200	186250	42.782	ng		98
69) Pentachlorophenol	11.20	266	166303	61.196	ng		99
70) Phenanthrene	11.42	178	940501	42.067	ng		99
71) Anthracene	11.47	178	969771	42.394	ng		99
72) Carbazole	11.63	167	939449	41.937	ng		99
73) Di-n-butylphthalate	11.95	149	1056208	39.172	ng		99
74) Fluoranthene	12.60	202	997181	44.047	ng		99
76) Benzidine	12.72	184	39348	3.303	ng		99
77) Pyrene	12.83	202	1017700	41.440	ng		99
79) Butylbenzylphthalate	13.44	149	458670	39.740	ng		97
80) Benzo(a)anthracene	14.02	228	816684	41.878	ng		99
81) 3,3'-Dichlorobenzidine	13.98	252	255399	35.725	ng		100
82) Chrysene	14.06	228	758959	40.878	ng		99
83) Bis(2-ethylhexyl)phthalate	14.00	149	607546	38.229	ng		99
84) Di-n-octyl phthalate	14.61	149	978360	38.232	ng		95
85) Indeno(1,2,3-cd)pyrene	17.00	276	567742	38.227	ng		96
87) Benzo(b)fluoranthene	15.07	252	640975	41.291	ng	#	97
88) Benzo(k)fluoranthene	15.10	252	660226	43.060	ng		98
89) Benzo(a)pyrene	15.44	252	608966	42.736	ng	#	97
90) Dibenzo(a,h)anthracene	17.01	278	466322	40.892	ng		96
91) Benzo(g,h,i)perylene	17.45	276	481342	42.701	ng		94

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

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