Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF102417\
Data File : BF099786.D
Acq On : 24 Oct 2017 14:20
Operator : SJ/JU
Sample : PB103578BS
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB103578BS

Manual Integrations APPROVED
Sohil
10/25/2017 6:25:14 PM

Quant Time: Oct 24 18:22:00 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF102317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 23 23:39:26 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	121230	20.00	ng		0.00
21) Naphthalene-d8	8.09	136	520045	20.00	ng		0.00
38) Acenaphthene-d10	9.85	164	256515	20.00	ng		0.00
63) Phenanthrene-d10	11.33	188	477539	20.00	ng		0.00
75) Chrysene-d12	13.99	240	355500	20.00	ng		0.00
86) Perylene-d12	15.45	264	270126	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.43	112	526443	68.18	ng		0.01
7) Phenol-d6	6.45	99	609142	66.53	ng		0.00
23) Nitrobenzene-d5	7.37	82	356545	44.14	ng		0.00
41) 2,4,6-Tribromophenol	10.64	330	149169	63.81	ng		0.00
44) 2-Fluorobiphenyl	9.16	172	777836	46.78	ng		0.00
78) Terphenyl-d14	12.92	244	735662	45.22	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.61	88	69423	20.359	ng		92
3) Pyridine	3.39	79	170310	20.769	ng		91
4) n-Nitrosodimethylamine	3.33	42	67470	23.031	ng	#	74
6) Aniline	6.47	93	199111	16.772	ng		98
8) 2-Chlorophenol	6.59	128	195716	23.781	ng		94
9) Benzaldehyde	6.36	77	110706	20.234	ng		87
10) Phenol	6.46	94	237161	23.592	ng		97
11) bis(2-Chloroethyl)ether	6.54	93	175830	22.650	ng		96
12) 1,3-Dichlorobenzene	6.74	146	206499	22.347	ng		99
13) 1,4-Dichlorobenzene	6.82	146	212015	22.607	ng		98
14) 1,2-Dichlorobenzene	6.97	146	199082	23.292	ng		95
15) Benzyl Alcohol	6.95	79	138230	23.739	ng		97
16) 2,2'-oxybis(1-Chloropropan	7.07	45	226661	26.285	ng		59
17) 2-Methylphenol	7.07	107	158579	23.036	ng	#	95
18) Hexachloroethane	7.31	117	71626	22.892	ng		96
19) n-Nitroso-di-n-propylamine	7.22	70	120992	22.550	ng		92
20) 3+4-Methylphenols	7.22	107	203116	25.340	ng	#	77
22) Acetophenone	7.22	105	256661	21.676	ng	#	97
24) Nitrobenzene	7.39	77	186726	22.942	ng		91
25) Isophorone	7.63	82	351044	23.950	ng		98
26) 2-Nitrophenol	7.71	139	109900	23.575	ng	#	84
27) 2,4-Dimethylphenol	7.75	122	176972	25.766	ng		97
28) bis(2-Chloroethoxy)methane	7.83	93	231315	22.534	ng		99
29) 2,4-Dichlorophenol	7.95	162	171693	24.063	ng		98
30) 1,2,4-Trichlorobenzene	8.03	180	171402	22.483	ng		97
31) Naphthalene	8.11	128	566010	22.548	ng		99
32) Benzoic acid	7.89	122	108359	17.923	ng		95
33) 4-Chloroaniline	8.16	127	158120	15.254	ng		95
34) Hexachlorobutadiene	8.22	225	85675	21.848	ng		98
35) Caprolactam	8.54	113	55736m	24.840	ng		
36) 4-Chloro-3-methylphenol	8.66	107	175450	24.091	ng		92
37) 2-Methylnaphthalene	8.80	142	396192	23.551	ng		97
39) 1,2,4,5-Tetrachlorobenzene	8.97	216	163570	19.743	ng		98
40) Hexachlorocyclopentadiene	8.95	237	58914	44.053	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.09	196	113537	22.656	ng		100
43) 2,4,5-Trichlorophenol	9.13	196	117408	22.078	ng	#	93
45) 1,1'-Biphenyl	9.26	154	472414	20.358	ng		99
46) 2-Chloronaphthalene	9.29	162	369621	21.932	ng		95
47) 2-Nitroaniline	9.40	65	99444	22.483	ng		88
48) Acenaphthylene	9.70	152	557882	21.493	ng		100
49) Dimethylphthalate	9.57	163	443765	21.845	ng		99
50) 2,6-Dinitrotoluene	9.64	165	99331	23.260	ng	#	81
51) Acenaphthene	9.87	154	336384	21.210	ng		99
52) 3-Nitroaniline	9.81	138	80495	15.997	ng		94
53) 2,4-Dinitrophenol	9.93	184	67590	42.961	ng	#	82
54) Dibenzofuran	10.05	168	495365	22.127	ng		98
55) 4-Nitrophenol	9.99	139	109559	41.671	ng		81
56) 2,4-Dinitrotoluene	10.05	165	123968	24.105	ng	#	93
57) Fluorene	10.39	166	409679	22.102	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.17	232	92020	24.680	ng		93
59) Diethylphthalate	10.26	149	433916	21.874	ng		98
60) 4-Chlorophenyl-phenylether	10.38	204	187939	21.543	ng		96
61) 4-Nitroaniline	10.43	138	108564	22.614	ng		84
62) Azobenzene	10.55	77	379273	22.808	ng		89
64) 4,6-Dinitro-2-methylphenol	10.46	198	56155	18.707	ng		79
65) n-Nitrosodiphenylamine	10.50	169	370308	21.007	ng		97
66) 4-Bromophenyl-phenylether	10.87	248	110314	21.943	ng	#	86
67) Hexachlorobenzene	10.95	284	113901	22.146	ng	#	90
68) Atrazine	11.03	200	116117	21.929	ng		98
69) Pentachlorophenol	11.14	266	83696	38.083	ng		98
70) Phenanthrene	11.36	178	594072	22.044	ng		99
71) Anthracene	11.41	178	624410	22.826	ng		99
72) Carbazole	11.57	167	576292	22.402	ng		99
73) Di-n-butylphthalate	11.89	149	717892	21.879	ng		98
74) Fluoranthene	12.55	202	622070	22.211	ng		99
76) Benzidine	12.67	184	299063	19.225	ng		98
77) Pyrene	12.78	202	633195	23.424	ng		100
79) Butylbenzylphthalate	13.39	149	293556	22.053	ng		90
80) Benzo(a)anthracene	13.97	228	489607	21.725	ng		99
81) 3,3'-Dichlorobenzidine	13.93	252	113150	13.832	ng		98
82) Chrysene	14.01	228	464342	21.916	ng		99
83) Bis(2-ethylhexyl)phthalate	13.94	149	388548	20.785	ng	#	100
84) Di-n-octyl phthalate	14.55	149	592536	18.468	ng	#	93
85) Indeno(1,2,3-cd)pyrene	16.93	276	342587	17.614	ng		96
87) Benzo(b)fluoranthene	15.02	252	366484m	21.486	ng		
88) Benzo(k)fluoranthene	15.05	252	374901	23.308	ng		99
89) Benzo(a)pyrene	15.39	252	339097	22.131	ng	#	97
90) Dibenzo(a,h)anthracene	16.93	278	286881	21.071	ng		98
91) Benzo(g,h,i)perylene	17.37	276	297576	22.341	ng		97

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

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