Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF012918\
Data File : BF102601.D
Acq On : 29 Jan 2018 17:13
Operator : SJ/JU
Sample : PB106132BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB106132BS

Manual Integrations APPROVED
Sohil
1/30/2018 3:38:10 PM

Quant Time: Jan 30 01:29:58 2018
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF012218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jan 27 20:48:40 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	150177	20.00	ng		0.00
21) Naphthalene-d8	8.00	136	628198	20.00	ng		0.00
38) Acenaphthene-d10	9.75	164	281828	20.00	ng		0.00
63) Phenanthrene-d10	11.24	188	488699	20.00	ng		0.00
75) Chrysene-d12	13.89	240	375985	20.00	ng		0.00
86) Perylene-d12	15.32	264	313053	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.34	112	1101580	111.22	ng		0.02
7) Phenol-d6	6.37	99	1307137	109.47	ng		0.00
23) Nitrobenzene-d5	7.29	82	825314	75.50	ng		0.00
41) 2,4,6-Tribromophenol	10.55	330	264440	94.70	ng		0.00
44) 2-Fluorobiphenyl	9.07	172	1447703	75.53	ng		0.00
78) Terphenyl-d14	12.83	244	1356271	81.32	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.44	88	173011	36.765	ng		96
3) Pyridine	3.16	79	458997	37.323	ng		96
4) n-Nitrosodimethylamine	3.12	42	221771	45.998	ng		99
6) Aniline	6.38	93	244057	15.453	ng	#	1
8) 2-Chlorophenol	6.50	128	417595	40.221	ng		98
9) Benzaldehyde	6.26	77	179243	23.751	ng		98
10) Phenol	6.39	94	486099	37.289	ng		87
11) bis(2-Chloroethyl)ether	6.46	93	392838	39.622	ng		98
12) 1,3-Dichlorobenzene	6.66	146	436224	35.328	ng		98
13) 1,4-Dichlorobenzene	6.73	146	443187	35.830	ng		99
14) 1,2-Dichlorobenzene	6.89	146	405370	35.829	ng		98
15) Benzyl Alcohol	6.87	79	314065	37.278	ng		96
16) 2,2'-oxybis(1-Chloropropan	6.99	45	605528	36.414	ng	#	43
17) 2-Methylphenol	6.99	107	335533	37.211	ng	#	90
18) Hexachloroethane	7.22	117	157116	36.452	ng		97
19) n-Nitroso-di-n-propylamine	7.13	70	277658	37.997	ng		97
20) 3+4-Methylphenols	7.15	107	448496	42.291	ng		94
22) Acetophenone	7.13	105	574567	38.368	ng		98
24) Nitrobenzene	7.30	77	427505	38.215	ng		98
25) Isophorone	7.55	82	768839	39.452	ng		99
26) 2-Nitrophenol	7.62	139	237086	40.267	ng		93
27) 2,4-Dimethylphenol	7.66	122	377909	44.203	ng		100
28) bis(2-Chloroethoxy)methane	7.75	93	499023	41.452	ng		99
29) 2,4-Dichlorophenol	7.87	162	347982	39.958	ng		97
30) 1,2,4-Trichlorobenzene	7.94	180	331550	35.516	ng		98
31) Naphthalene	8.02	128	1168146	37.244	ng		100
32) Benzoic acid	7.82	122	234072	32.678	ng		96
33) 4-Chloroaniline	8.08	127	113963	8.641	ng		98
34) Hexachlorobutadiene	8.13	225	166583	33.411	ng		96
35) Caprolactam	8.46	113	122759m	42.682	ng		
36) 4-Chloro-3-methylphenol	8.57	107	370386	40.349	ng		99
37) 2-Methylnaphthalene	8.72	142	795070	38.063	ng		98
39) 1,2,4,5-Tetrachlorobenzene	8.88	216	303472	35.791	ng		99
40) Hexachlorocyclopentadiene	8.86	237	182544	48.106	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.00	196	216188	38.087	ng		100
43) 2,4,5-Trichlorophenol	9.05	196	227138	35.541	ng		98
45) 1,1'-Biphenyl	9.17	154	921703	36.576	ng		98
46) 2-Chloronaphthalene	9.20	162	714770	36.491	ng		98
47) 2-Nitroaniline	9.31	65	241665	39.573	ng		98
48) Acenaphthylene	9.62	152	1090465	35.734	ng		99
49) Dimethylphthalate	9.48	163	831489	35.694	ng		99
50) 2,6-Dinitrotoluene	9.55	165	188057	37.444	ng		96
51) Acenaphthene	9.79	154	640565	35.942	ng		99
52) 3-Nitroaniline	9.72	138	103337	17.393	ng		91
53) 2,4-Dinitrophenol	9.84	184	156600	69.979	ng	#	20
54) Dibenzofuran	9.96	168	920256	38.153	ng		98
55) 4-Nitrophenol	9.91	139	215848	55.036	ng		90
56) 2,4-Dinitrotoluene	9.96	165	227640	36.858	ng	#	90
57) Fluorene	10.30	166	755114	39.508	ng		100
58) 2,3,4,6-Tetrachlorophenol	10.09	232	172821	37.874	ng		95
59) Diethylphthalate	10.17	149	810773	35.816	ng		100
60) 4-Chlorophenyl-phenylether	10.29	204	318766	38.468	ng		97
61) 4-Nitroaniline	10.34	138	200751	33.861	ng		92
62) Azobenzene	10.46	77	795732	38.394	ng		97
64) 4,6-Dinitro-2-methylphenol	10.37	198	107092	32.846	ng		88
65) n-Nitrosodiphenylamine	10.42	169	688199	38.367	ng		99
66) 4-Bromophenyl-phenylether	10.78	248	196383	37.329	ng		97
67) Hexachlorobenzene	10.85	284	203850	34.647	ng		99
68) Atrazine	10.95	200	210692	39.771	ng		99
69) Pentachlorophenol	11.06	266	164877	53.345	ng		99
70) Phenanthrene	11.27	178	1058843	37.182	ng		99
71) Anthracene	11.32	178	1116426	38.409	ng		99
72) Carbazole	11.48	167	1065625	37.579	ng		99
73) Di-n-butylphthalate	11.80	149	1297082	36.594	ng		99
74) Fluoranthene	12.46	202	1097259	37.784	ng		100
76) Benzidine	12.58	184	344941	27.310	ng		98
77) Pyrene	12.69	202	1127685	38.792	ng		100
79) Butylbenzylphthalate	13.30	149	559913	38.704	ng		98
80) Benzo(a)anthracene	13.87	228	936504	40.457	ng		99
81) 3,3'-Dichlorobenzidine	13.84	252	200987	23.669	ng		95
82) Chrysene	13.92	228	887624	37.760	ng		100
83) Bis(2-ethylhexyl)phthalate	13.85	149	731598	37.630	ng	#	97
84) Di-n-octyl phthalate	14.46	149	1135561	35.916	ng	#	94
85) Indeno(1,2,3-cd)pyrene	16.73	276	662170	34.109	ng		97
87) Benzo(b)fluoranthene	14.91	252	787861	38.829	ng		98
88) Benzo(k)fluoranthene	14.94	252	728810	38.018	ng		98
89) Benzo(a)pyrene	15.26	252	713500	38.989	ng		98
90) Dibenzo(a,h)anthracene	16.74	278	549165	37.046	ng		97
91) Benzo(g,h,i)perylene	17.16	276	575699	39.332	ng		97

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