Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF112917\
Data File : BF100974.D
Acq On : 29 Nov 2017 13:34
Operator : SJ/JU
Sample : PB104587BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB104587BS

Manual Integrations APPROVED
Sohil
11/30/2017 4:29:38 PM

Quant Time: Nov 30 06:08:36 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110817.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 28 15:21:02 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	69063	20.00	ng		0.00
21) Naphthalene-d8	8.13	136	277565	20.00	ng		0.00
38) Acenaphthene-d10	9.89	164	140938	20.00	ng		0.00
63) Phenanthrene-d10	11.38	188	293160	20.00	ng		0.00
75) Chrysene-d12	14.02	240	231777	20.00	ng		0.00
86) Perylene-d12	15.49	264	156637	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.48	112	504662	117.13	ng		0.00
7) Phenol-d6	6.49	99	631943	118.95	ng		0.00
23) Nitrobenzene-d5	7.42	82	396524	94.45	ng		0.00
41) 2,4,6-Tribromophenol	10.69	330	211524	147.28	ng		0.00
44) 2-Fluorobiphenyl	9.21	172	878412	94.90	ng		0.00
78) Terphenyl-d14	12.96	244	995862	98.72	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.67	88	52938	25.213	ng		96
3) Pyridine	3.50	79	36112m	6.304	ng		
4) n-Nitrosodimethylamine	3.39	42	83311	29.955	ng		92
6) Aniline	6.52	93	159840	21.296	ng		99
8) 2-Chlorophenol	6.64	128	172372	37.819	ng		99
9) Benzaldehyde	6.40	77	79950	21.072	ng		95
10) Phenol	6.50	94	205169	36.786	ng		92
11) bis(2-Chloroethyl)ether	6.59	93	157480	33.616	ng		97
12) 1,3-Dichlorobenzene	6.79	146	192815	36.693	ng		98
13) 1,4-Dichlorobenzene	6.87	146	195471	36.753	ng		98
14) 1,2-Dichlorobenzene	7.02	146	185236	37.669	ng		99
15) Benzyl Alcohol	7.00	79	149958	36.166	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.13	45	261783	34.938	ng		99
17) 2-Methylphenol	7.11	107	142859	36.678	ng		97
18) Hexachloroethane	7.36	117	66214	37.759	ng		93
19) n-Nitroso-di-n-propylamine	7.27	70	121321	32.928	ng		95
20) 3+4-Methylphenols	7.26	107	180449	36.611	ng	#	70
22) Acetophenone	7.26	105	229400	33.893	ng	#	88
24) Nitrobenzene	7.44	77	174818	40.457	ng		98
25) Isophorone	7.67	82	330621	37.475	ng		98
26) 2-Nitrophenol	7.75	139	97665	48.183	ng		97
27) 2,4-Dimethylphenol	7.79	122	156548	39.583	ng		99
28) bis(2-Chloroethoxy)methane	7.88	93	211035	36.569	ng		98
29) 2,4-Dichlorophenol	7.99	162	160896	42.615	ng		98
30) 1,2,4-Trichlorobenzene	8.07	180	166228	40.702	ng		98
31) Naphthalene	8.16	128	509723	38.127	ng		100
32) Benzoic acid	7.88	122	28381	16.912	ng		94
33) 4-Chloroaniline	8.20	127	130044	23.369	ng		97
34) Hexachlorobutadiene	8.27	225	98828	40.699	ng		98
35) Caprolactam	8.59	113	44446m	34.303	ng		
36) 4-Chloro-3-methylphenol	8.69	107	164691	40.615	ng		97
37) 2-Methylnaphthalene	8.85	142	361131	40.688	ng		97
39) 1,2,4,5-Tetrachlorobenzene	9.02	216	167728	35.884	ng		97
40) Hexachlorocyclopentadiene	9.00	237	173620	78.921	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.13	196	122347	41.299	ng		99
43) 2,4,5-Trichlorophenol	9.17	196	130499	42.517	ng	#	92
45) 1,1'-Biphenyl	9.32	154	435495	35.726	ng		96
46) 2-Chloronaphthalene	9.34	162	348738	39.436	ng		96
47) 2-Nitroaniline	9.44	65	104445	40.437	ng		95
48) Acenaphthylene	9.76	152	544826	37.176	ng		99
49) Dimethylphthalate	9.62	163	468365	43.525	ng		99
50) 2,6-Dinitrotoluene	9.68	165	93847	44.059	ng		91
51) Acenaphthene	9.93	154	321549	36.076	ng		99
52) 3-Nitroaniline	9.85	138	79138	31.463	ng		92
53) 2,4-Dinitrophenol	9.96	184	95950m	94.437	ng		
54) Dibenzofuran	10.10	168	491742	39.364	ng		99
55) 4-Nitrophenol	10.02	139	149085	72.997	ng		87
56) 2,4-Dinitrotoluene	10.09	165	130799	48.676	ng	#	93
57) Fluorene	10.44	166	393951	43.048	ng		98
58) 2,3,4,6-Tetrachlorophenol	10.22	232	110835	44.060	ng	#	86
59) Diethylphthalate	10.32	149	431579	40.078	ng		97
60) 4-Chlorophenyl-phenylether	10.43	204	193757	43.160	ng	#	88
61) 4-Nitroaniline	10.47	138	94215	39.503	ng		92
62) Azobenzene	10.59	77	369823	36.463	ng		94
64) 4,6-Dinitro-2-methylphenol	10.50	198	68234	46.437	ng		76
65) n-Nitrosodiphenylamine	10.55	169	371227	36.418	ng		94
66) 4-Bromophenyl-phenylether	10.92	248	127821	40.673	ng	#	87
67) Hexachlorobenzene	10.99	284	132621	40.349	ng	#	82
68) Atrazine	11.08	200	127770	41.409	ng		98
69) Pentachlorophenol	11.19	266	148816	63.142	ng		98
70) Phenanthrene	11.40	178	597746	38.726	ng		98
71) Anthracene	11.46	178	626252	39.991	ng		99
72) Carbazole	11.61	167	547591	37.897	ng		99
73) Di-n-butylphthalate	11.93	149	724347	42.837	ng		99
74) Fluoranthene	12.59	202	665683	40.693	ng		97
77) Pyrene	12.82	202	678538	41.069	ng		99
79) Butylbenzylphthalate	13.43	149	302029	44.825	ng		94
80) Benzo(a)anthracene	14.01	228	564639	40.454	ng		99
81) 3,3'-Dichlorobenzidine	13.97	252	131894	26.375	ng		98
82) Chrysene	14.05	228	522201	38.636	ng		99
83) Bis(2-ethylhexyl)phthalate	13.99	149	421291	47.539	ng		99
84) Di-n-octyl phthalate	14.60	149	619149	40.669	ng		99
85) Indeno(1,2,3-cd)pyrene	16.96	276	350995	32.106	ng	#	93
87) Benzo(b)fluoranthene	15.06	252	419507	45.206	ng		99
88) Benzo(k)fluoranthene	15.09	252	360758m	41.144	ng		
89) Benzo(a)pyrene	15.43	252	346797	42.154	ng		98
90) Dibenzo(a,h)anthracene	16.98	278	289883	43.085	ng	#	93
91) Benzo(g,h,i)perylene	17.41	276	296900	45.080	ng	#	92

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

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