Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF112817\
Data File : BF100950.D
Acq On : 28 Nov 2017 23:28
Operator : SJ/JU
Sample : PB104562BS
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB104562BS

Manual Integrations APPROVED
Sohil
11/29/2017 4:29:12 PM

Quant Time: Nov 29 07:49:36 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	6.86	152	59094	20.00	ng		0.00
21) Naphthalene-d8	8.14	136	227023	20.00	ng		0.00
38) Acenaphthene-d10	9.90	164	97517	20.00	ng		0.00
63) Phenanthrene-d10	11.39	188	159787	20.00	ng		0.00
75) Chrysene-d12	14.03	240	128322	20.00	ng		0.00
86) Perylene-d12	15.49	264	116220	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.49	112	283072	76.79	ng		0.01
7) Phenol-d6	6.49	99	334924	73.68	ng		0.00
23) Nitrobenzene-d5	7.43	82	309051	90.00	ng		0.00
41) 2,4,6-Tribromophenol	10.69	330	77459	77.95	ng		0.00
44) 2-Fluorobiphenyl	9.22	172	635647	99.26	ng		0.00
78) Terphenyl-d14	12.97	244	440052	78.79	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.72	88	55832	31.077	ng		99
3) Pyridine	3.47	79	149824	30.568	ng		92
4) n-Nitrosodimethylamine	3.43	42	79725	33.502	ng		86
6) Aniline	6.52	93	122225	19.031	ng		100
8) 2-Chlorophenol	6.65	128	164593	42.204	ng		96
9) Benzaldehyde	6.41	77	80409	24.768	ng		95
10) Phenol	6.50	94	193120	40.467	ng		96
11) bis(2-Chloroethyl)ether	6.59	93	147436	36.781	ng		96
12) 1,3-Dichlorobenzene	6.80	146	187047	41.600	ng		97
13) 1,4-Dichlorobenzene	6.87	146	185844	40.837	ng		98
14) 1,2-Dichlorobenzene	7.03	146	175543	41.720	ng		99
15) Benzyl Alcohol	7.00	79	136169	38.380	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.13	45	240918	37.578	ng		98
17) 2-Methylphenol	7.11	107	131970	39.598	ng		98
18) Hexachloroethane	7.37	117	54589	36.381	ng		88
19) n-Nitroso-di-n-propylamine	7.27	70	108069	34.279	ng		95
20) 3+4-Methylphenols	7.26	107	162804	38.603	ng	#	77
22) Acetophenone	7.27	105	209149	37.780	ng	#	89
24) Nitrobenzene	7.45	77	158862	44.949	ng		97
25) Isophorone	7.68	82	286765	39.740	ng		99
26) 2-Nitrophenol	7.76	139	79051	47.738	ng		97
27) 2,4-Dimethylphenol	7.79	122	138391	42.783	ng		99
28) bis(2-Chloroethoxy)methane	7.89	93	184177	39.020	ng		99
29) 2,4-Dichlorophenol	8.00	162	137544	44.541	ng		97
30) 1,2,4-Trichlorobenzene	8.08	180	147771	44.238	ng		95
31) Naphthalene	8.16	128	459817	42.051	ng		99
32) Benzoic acid	7.90	122	72113m	32.800	ng		
33) 4-Chloroaniline	8.21	127	60959	13.393	ng		98
34) Hexachlorobutadiene	8.27	225	88460	44.540	ng		97
35) Caprolactam	8.59	113	39270m	37.056	ng		
36) 4-Chloro-3-methylphenol	8.70	107	133174	40.154	ng		94
37) 2-Methylnaphthalene	8.86	142	310108	42.717	ng		99
39) 1,2,4,5-Tetrachlorobenzene	9.02	216	142227	43.977	ng	#	97
40) Hexachlorocyclopentadiene	9.00	237	34612	22.739	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.13	196	95633	46.656	ng		100
43) 2,4,5-Trichlorophenol	9.17	196	97359	45.844	ng	#	93
45) 1,1'-Biphenyl	9.32	154	358148	42.464	ng		97
46) 2-Chloronaphthalene	9.34	162	281184	45.955	ng		95
47) 2-Nitroaniline	9.44	65	79946	44.438	ng		93
48) Acenaphthylene	9.76	152	419859	41.406	ng		100
49) Dimethylphthalate	9.62	163	334728	44.957	ng		100
50) 2,6-Dinitrotoluene	9.69	165	68378	46.396	ng	#	81
51) Acenaphthene	9.93	154	242870	39.382	ng		98
52) 3-Nitroaniline	9.85	138	49224	28.284	ng		94
53) 2,4-Dinitrophenol	9.96	184	13974	33.164	ng	#	14
54) Dibenzofuran	10.10	168	367970	42.572	ng		98
55) 4-Nitrophenol	10.02	139	86589	61.275	ng		94
56) 2,4-Dinitrotoluene	10.09	165	83900	45.125	ng	#	94
57) Fluorene	10.44	166	275912	43.575	ng		98
58) 2,3,4,6-Tetrachlorophenol	10.22	232	70862	40.713	ng	#	86
59) Diethylphthalate	10.32	149	316045	42.417	ng		97
60) 4-Chlorophenyl-phenylether	10.44	204	142516	45.881	ng		90
61) 4-Nitroaniline	10.47	138	60333	36.561	ng		87
62) Azobenzene	10.60	77	254255	36.231	ng		94
64) 4,6-Dinitro-2-methylphenol	10.50	198	12094	20.884	ng	#	73
65) n-Nitrosodiphenylamine	10.56	169	255684	46.020	ng		96
66) 4-Bromophenyl-phenylether	10.93	248	85609	49.979	ng	#	86
67) Hexachlorobenzene	10.99	284	81246	45.351	ng	#	90
68) Atrazine	11.08	200	79012	46.980	ng		97
69) Pentachlorophenol	11.19	266	76603	59.632	ng		99
70) Phenanthrene	11.41	178	362037	43.033	ng		98
71) Anthracene	11.46	178	371803	43.560	ng		99
72) Carbazole	11.62	167	316202	40.149	ng		99
73) Di-n-butylphthalate	11.94	149	430551	46.715	ng		98
74) Fluoranthene	12.60	202	355161	39.833	ng		95
76) Benzidine	12.72	184	250987	48.840	ng		98
77) Pyrene	12.83	202	369520	40.397	ng		98
79) Butylbenzylphthalate	13.44	149	155564	41.702	ng	#	90
80) Benzo(a)anthracene	14.02	228	344311	44.557	ng		98
81) 3,3'-Dichlorobenzidine	13.97	252	120765	43.619	ng	#	98
82) Chrysene	14.05	228	323802	43.271	ng		98
83) Bis(2-ethylhexyl)phthalate	13.99	149	219741	44.787	ng		97
84) Di-n-octyl phthalate	14.60	149	377074	44.737	ng		98
85) Indeno(1,2,3-cd)pyrene	16.98	276	252784	41.764	ng	#	92
87) Benzo(b)fluoranthene	15.07	252	307344	44.637	ng	#	96
88) Benzo(k)fluoranthene	15.10	252	287275	44.157	ng	#	95
89) Benzo(a)pyrene	15.43	252	268519	43.989	ng		99
90) Dibenzo(a,h)anthracene	16.99	278	214340	42.936	ng	#	95
91) Benzo(g,h,i)perylene	17.42	276	201691	41.274	ng	#	91

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

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