Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF102716\
Data File : BF090876.D
Acq On : 27 Oct 2016 19:41
Operator : UM/SJ
Sample : PB94343BS
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB94343BS

Manual Integrations APPROVED
sohil
10/28/2016 5:22:15 PM

Quant Time: Oct 28 01:26:27 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF102616.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 27 18:46:43 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.77	152	141933	20.00	ng		0.00
21) Naphthalene-d8	8.06	136	555099	20.00	ng		0.00
38) Acenaphthene-d10	9.81	164	298543	20.00	ng		-0.01
63) Phenanthrene-d10	11.30	188	524922	20.00	ng		-0.01
75) Chrysene-d12	13.94	240	400042	20.00	ng		-0.01
86) Perylene-d12	15.35	264	297702	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.38	112	1095927	135.00	ng		0.01
7) Phenol-d6	6.42	99	1259569	115.01	ng		0.00
23) Nitrobenzene-d5	7.34	82	806129	95.07	ng		-0.01
41) 2,4,6-Tribromophenol	10.61	330	450705	146.90	ng		0.00
44) 2-Fluorobiphenyl	9.14	172	1551196	91.24	ng		-0.01
78) Terphenyl-d14	12.89	244	1823047	114.81	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.38	88	162535	39.16	ng	#	73
3) Pyridine	3.07	79	405821	36.05	ng	#	65
4) n-Nitrosodimethylamine	3.02	42	132072	41.67	ng	#	55
6) Aniline	6.44	93	299902	23.97	ng	#	80
8) 2-Chlorophenol	6.56	128	415741	41.51	ng		95
9) Benzaldehyde	6.32	77	60151	10.63	ng	#	76
10) Phenol	6.43	94	525566	43.55	ng	#	66
11) bis(2-Chloroethyl)ether	6.51	93	418252	41.89	ng		90
12) 1,3-Dichlorobenzene	6.72	146	465281	45.42	ng	#	97
13) 1,4-Dichlorobenzene	6.78	146	472902	43.90	ng	#	88
14) 1,2-Dichlorobenzene	6.94	146	483248	46.80	ng		94
15) Benzyl Alcohol	6.92	79	349796	48.63	ng	#	77
16) 2,2'-oxybis(1-Chloropropan	7.06	45	514573	51.78	ng		70
17) 2-Methylphenol	7.04	107	352689	46.30	ng	#	83
18) Hexachloroethane	7.29	117	169525	43.24	ng	#	76
19) n-Nitroso-di-n-propylamine	7.20	70	289788	45.77	ng	#	68
20) 3+4-Methylphenols	7.20	107	410457	46.54	ng	#	77
22) Acetophenone	7.18	105	556033	48.69	ng	#	83
24) Nitrobenzene	7.36	77	387047	43.15	ng	#	71
25) Isophorone	7.60	82	789984	45.91	ng	#	89
26) 2-Nitrophenol	7.68	139	223196	46.45	ng	#	71
27) 2,4-Dimethylphenol	7.72	122	360349	46.32	ng	#	80
28) bis(2-Chloroethoxy)methane	7.81	93	469015	47.92	ng	#	93
29) 2,4-Dichlorophenol	7.93	162	351118	48.75	ng		98
30) 1,2,4-Trichlorobenzene	8.01	180	392424	47.15	ng		100
31) Naphthalene	8.09	128	1229855	47.40	ng		98
32) Benzoic acid	7.86	122	207169	36.68	ng	#	69
33) 4-Chloroaniline	8.14	127	112684	10.75	ng	#	95
34) Hexachlorobutadiene	8.20	225	213732	43.67	ng		99
35) Caprolactam	8.51	113	109441m	48.95	ng		
36) 4-Chloro-3-methylphenol	8.62	107	358616	45.78	ng	#	82
37) 2-Methylnaphthalene	8.77	142	768171	45.84	ng	#	90
39) 1,2,4,5-Tetrachlorobenzene	8.94	216	406539	49.64	ng		99
40) Hexachlorocyclopentadiene	8.93	237	448638	119.07	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.06	196	268904	50.86	ng		98
43) 2,4,5-Trichlorophenol	9.10	196	273374	50.20	ng		94
45) 1,1'-Biphenyl	9.24	154	1028947	47.85	ng		94
46) 2-Chloronaphthalene	9.26	162	810758	49.56	ng		93
47) 2-Nitroaniline	9.37	65	209680	45.43	ng		91
48) Acenaphthylene	9.68	152	1147853	46.35	ng		96
49) Dimethylphthalate	9.55	163	968807	48.57	ng	#	97
50) 2,6-Dinitrotoluene	9.61	165	220425	50.04	ng	#	90
51) Acenaphthene	9.85	154	799758	46.88	ng		89
52) 3-Nitroaniline	9.78	138	89007	18.98	ng	#	86
53) 2,4-Dinitrophenol	9.88	184	201849	87.04	ng	#	73
54) Dibenzofuran	10.02	168	1063325	48.30	ng	#	85
55) 4-Nitrophenol	9.95	139	308926	108.02	ng	#	81
56) 2,4-Dinitrotoluene	10.01	165	255964	46.77	ng	#	78
57) Fluorene	10.36	166	790343	43.83	ng		92
58) 2,3,4,6-Tetrachlorophenol	10.14	232	248606	51.12	ng		94
59) Diethylphthalate	10.25	149	949714	47.94	ng		98
60) 4-Chlorophenyl-phenylether	10.36	204	437363	49.69	ng		95
61) 4-Nitroaniline	10.40	138	197510	42.52	ng	#	72
62) Azobenzene	10.52	77	882846	45.32	ng		90
64) 4,6-Dinitro-2-methylphenol	10.42	198	144910	41.64	ng	#	77
65) n-Nitrosodiphenylamine	10.48	169	723164	44.97	ng		92
66) 4-Bromophenyl-phenylether	10.84	248	255934	44.52	ng	#	85
67) Hexachlorobenzene	10.91	284	308883	45.40	ng	#	88
68) Atrazine	11.01	200	271585	54.60	ng		86
69) Pentachlorophenol	11.10	266	309198	84.72	ng		99
70) Phenanthrene	11.32	178	1217729	45.55	ng		95
71) Anthracene	11.38	178	1384685	49.19	ng		98
72) Carbazole	11.53	167	1161430	46.72	ng	#	94
73) Di-n-butylphthalate	11.87	149	1580761	49.33	ng	#	98
74) Fluoranthene	12.51	202	1392562	47.57	ng		90
76) Benzidine	12.64	184	365303	41.82	ng		97
77) Pyrene	12.74	202	1404259	55.47	ng		96
79) Butylbenzylphthalate	13.37	149	617951	53.80	ng	#	87
80) Benzo(a)anthracene	13.93	228	1045705	49.25	ng		96
81) 3,3'-Dichlorobenzidine	13.89	252	216989	26.33	ng	#	93
82) Chrysene	13.96	228	1103830	51.40	ng		94
83) Bis(2-ethylhexyl)phthalate	13.93	149	797400	53.31	ng		97
84) Di-n-octyl phthalate	14.53	149	1200051	47.78	ng	#	86
85) Indeno(1,2,3-cd)pyrene	16.69	276	932533	49.00	ng	#	90
87) Benzo(b)fluoranthene	14.95	252	879127m	43.92	ng		
88) Benzo(k)fluoranthene	14.97	252	790445m	49.97	ng		
89) Benzo(a)pyrene	15.29	252	808986	47.03	ng	#	85
90) Dibenzo(a,h)anthracene	16.72	278	785598	53.95	ng	#	81
91) Benzo(g,h,i)perylene	17.11	276	772841	56.35	ng	#	78

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

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