Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF030416\
Data File : BF085205.D
Acq On : 4 Mar 2016 16:26
Operator : SJ/IZ
Sample : PB88682BSD
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB88682BSD

Manual Integrations APPROVED
UMANGI
3/7/2016 3:30:36 PM

Quant Time: Mar 07 10:22:49 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF030316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 04 00:54:58 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	165089	20.00	ng		-0.01
21) Naphthalene-d8	8.26	136	649706	20.00	ng		0.00
38) Acenaphthene-d10	10.01	164	294055	20.00	ng		-0.01
63) Phenanthrene-d10	11.50	188	542244	20.00	ng		-0.01
75) Chrysene-d12	14.14	240	392196	20.00	ng		-0.01
86) Perylene-d12	15.60	264	267020	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.59	112	922460	93.73	ng		0.01
7) Phenol-d6	6.60	99	1056190	81.91	ng		-0.01
23) Nitrobenzene-d5	7.53	82	1037826	85.48	ng		-0.01
41) 2,4,6-Tribromophenol	10.80	330	228645	90.87	ng		-0.01
44) 2-Fluorobiphenyl	9.34	172	1753697	90.70	ng		-0.01
78) Terphenyl-d14	13.09	244	1595992	94.47	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.77	88	169171	33.61	ng		99
3) Pyridine	3.52	79	518204	41.14	ng		99
4) n-Nitrosodimethylamine	3.48	42	204154	37.87	ng		92
6) Aniline	6.63	93	309354	17.12	ng		100
8) 2-Chlorophenol	6.76	128	485049	40.94	ng		99
9) Benzaldehyde	6.52	77	170545	25.39	ng		99
10) Phenol	6.61	94	532092m	38.53	ng		
11) bis(2-Chloroethyl)ether	6.71	93	482886	42.10	ng		94
12) 1,3-Dichlorobenzene	6.92	146	533849	41.97	ng		99
13) 1,4-Dichlorobenzene	6.98	146	511054	40.09	ng		99
14) 1,2-Dichlorobenzene	7.14	146	489432	42.31	ng		99
15) Benzyl Alcohol	7.11	79	420169	44.39	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.25	45	625306	37.82	ng		99
17) 2-Methylphenol	7.22	107	428875	44.36	ng		98
18) Hexachloroethane	7.49	117	191710	40.76	ng		96
19) n-Nitroso-di-n-propylamine	7.38	70	319363	38.00	ng	#	89
20) 3+4-Methylphenols	7.37	107	468826	40.94	ng		95
22) Acetophenone	7.38	105	636867	40.16	ng	#	98
24) Nitrobenzene	7.56	77	535272	43.40	ng		97
25) Isophorone	7.80	82	954937	42.44	ng		99
26) 2-Nitrophenol	7.88	139	278387	46.38	ng	#	92
27) 2,4-Dimethylphenol	7.91	122	503015	45.86	ng		97
28) bis(2-Chloroethoxy)methane	8.00	93	539839	43.08	ng		99
29) 2,4-Dichlorophenol	8.12	162	415021	46.91	ng		96
30) 1,2,4-Trichlorobenzene	8.20	180	406123	42.46	ng		99
31) Naphthalene	8.28	128	1361444	42.62	ng		99
32) Benzoic acid	8.01	122	215257	29.55	ng		97
33) 4-Chloroaniline	8.32	127	104949	8.12	ng		96
34) Hexachlorobutadiene	8.40	225	231185	46.45	ng		98
35) Caprolactam	8.70	113	131731m	45.60	ng		
36) 4-Chloro-3-methylphenol	8.80	107	454414	45.28	ng		96
37) 2-Methylnaphthalene	8.97	142	948244	46.25	ng		98
39) 1,2,4,5-Tetrachlorobenzene	9.14	216	364556	43.35	ng		99
40) Hexachlorocyclopentadiene	9.13	237	430360	94.88	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.25	196	289091	46.18	ng		96
43) 2,4,5-Trichlorophenol	9.29	196	280659	47.28	ng	#	90
45) 1,1'-Biphenyl	9.44	154	1085815	43.22	ng		94
46) 2-Chloronaphthalene	9.46	162	849190	44.34	ng		96
47) 2-Nitroaniline	9.56	65	287206	48.40	ng	#	83
48) Acenaphthylene	9.88	152	1247782	41.87	ng		99
49) Dimethylphthalate	9.74	163	1010607	44.78	ng		100
50) 2,6-Dinitrotoluene	9.80	165	206255	42.72	ng		91
51) Acenaphthene	10.05	154	843481	46.61	ng		99
52) 3-Nitroaniline	9.96	138	89672	15.52	ng	#	70
53) 2,4-Dinitrophenol	10.07	184	183659	75.46	ng	#	53
54) Dibenzofuran	10.22	168	1086410	45.82	ng		99
55) 4-Nitrophenol	10.13	139	419527	92.41	ng		96
56) 2,4-Dinitrotoluene	10.21	165	295410	47.81	ng	#	66
57) Fluorene	10.56	166	796523	42.77	ng		100
58) 2,3,4,6-Tetrachlorophenol	10.33	232	195053	46.78	ng		98
59) Diethylphthalate	10.44	149	961370	43.89	ng		97
60) 4-Chlorophenyl-phenylether	10.55	204	389992	43.04	ng		90
61) 4-Nitroaniline	10.58	138	232972	43.12	ng		82
62) Azobenzene	10.71	77	1000994	46.39	ng		95
64) 4,6-Dinitro-2-methylphenol	10.61	198	139262	42.89	ng		74
65) n-Nitrosodiphenylamine	10.68	169	809902	48.02	ng		99
66) 4-Bromophenyl-phenylether	11.04	248	229041	43.50	ng	#	84
67) Hexachlorobenzene	11.11	284	241644	43.02	ng	#	77
68) Atrazine	11.20	200	276453	58.94	ng		97
69) Pentachlorophenol	11.30	266	274714	88.11	ng		99
70) Phenanthrene	11.52	178	1286941	45.29	ng		99
71) Anthracene	11.58	178	1289853	42.76	ng		99
72) Carbazole	11.73	167	1043943	39.46	ng		98
73) Di-n-butylphthalate	12.06	149	1454783	43.51	ng		99
74) Fluoranthene	12.71	202	1198988	42.04	ng		96
76) Benzidine	12.83	184	304068	26.05	ng		99
77) Pyrene	12.94	202	1228586	41.62	ng		99
79) Butylbenzylphthalate	13.56	149	598618	44.69	ng	#	86
80) Benzo(a)anthracene	14.13	228	980565	41.76	ng		99
81) 3,3'-Dichlorobenzidine	14.08	252	113212	15.29	ng	#	96
82) Chrysene	14.16	228	796813	36.74	ng		100
83) Bis(2-ethylhexyl)phthalate	14.12	149	751795	42.65	ng	#	97
84) Di-n-octyl phthalate	14.72	149	1083254	40.35	ng		99
85) Indeno(1,2,3-cd)pyrene	17.09	276	753089	44.49	ng		99
87) Benzo(b)fluoranthene	15.18	252	748366	42.05	ng		97
88) Benzo(k)fluoranthene	15.21	252	726527m	50.61	ng		
89) Benzo(a)pyrene	15.55	252	677050	45.91	ng	#	97
90) Dibenzo(a,h)anthracene	17.10	278	616050	48.93	ng		98
91) Benzo(g,h,i)perylene	17.53	276	632045	49.93	ng		97

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

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