Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF102616\
Data File : BF090865.D
Acq On : 27 Oct 2016 2:41
Operator : UM/SJ
Sample : PB94297BS
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB94297BS

Manual Integrations APPROVED
sohil
10/27/2016 3:44:16 PM

Quant Time: Oct 27 07:50:22 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF102616.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 26 16:35:31 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.78	152	163051	20.00	ng		-0.01
21) Naphthalene-d8	8.08	136	719664	20.00	ng		-0.01
38) Acenaphthene-d10	9.84	164	347680	20.00	ng		-0.01
63) Phenanthrene-d10	11.31	188	550032	20.00	ng		-0.01
75) Chrysene-d12	13.95	240	407459	20.00	ng		-0.01
86) Perylene-d12	15.37	264	327999	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.39	112	1076629	115.45	ng		0.00
7) Phenol-d6	6.43	99	1457527	115.85	ng		-0.01
23) Nitrobenzene-d5	7.36	82	830498	75.55	ng		-0.01
41) 2,4,6-Tribromophenol	10.62	330	438137	122.62	ng		-0.01
44) 2-Fluorobiphenyl	9.16	172	1808546	91.34	ng		-0.01
78) Terphenyl-d14	12.90	244	1426002	88.17	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	2.41	88	176493	37.02	ng	#	72
3) Pyridine	3.10	79	463672	35.85	ng	#	71
4) n-Nitrosodimethylamine	3.06	42	179654	49.34	ng	#	67
6) Aniline	6.45	93	260666m	18.14	ng		
8) 2-Chlorophenol	6.58	128	453289	39.40	ng		92
9) Benzaldehyde	6.33	77	87085	13.40	ng	#	79
10) Phenol	6.45	94	476059	34.34	ng	#	71
11) bis(2-Chloroethyl)ether	6.52	93	460788	40.17	ng		94
12) 1,3-Dichlorobenzene	6.73	146	493306	41.92	ng	#	95
13) 1,4-Dichlorobenzene	6.81	146	496877	40.15	ng	#	95
14) 1,2-Dichlorobenzene	6.96	146	473065m	39.88	ng		
15) Benzyl Alcohol	6.93	79	315159	38.14	ng	#	78
16) 2,2'-oxybis(1-Chloropropan	7.07	45	422419	37.00	ng		58
17) 2-Methylphenol	7.06	107	365884	41.81	ng	#	85
18) Hexachloroethane	7.30	117	175743	39.02	ng	#	83
19) n-Nitroso-di-n-propylamine	7.21	70	281468	38.69	ng	#	69
20) 3+4-Methylphenols	7.21	107	430919	42.53	ng	#	67
22) Acetophenone	7.20	105	583009	39.38	ng	#	83
24) Nitrobenzene	7.38	77	460203	39.58	ng	#	81
25) Isophorone	7.62	82	858530	38.48	ng	#	94
26) 2-Nitrophenol	7.70	139	237438	38.12	ng	#	93
27) 2,4-Dimethylphenol	7.74	122	397661	39.43	ng		88
28) bis(2-Chloroethoxy)methane	7.84	93	531433	41.88	ng	#	95
29) 2,4-Dichlorophenol	7.94	162	381801	40.89	ng		94
30) 1,2,4-Trichlorobenzene	8.02	180	432473	40.08	ng		96
31) Naphthalene	8.10	128	1458688	43.36	ng		97
32) Benzoic acid	7.88	122	256447	35.02	ng	#	77
33) 4-Chloroaniline	8.16	127	84303	6.20	ng	#	85
34) Hexachlorobutadiene	8.22	225	227606	35.87	ng		99
35) Caprolactam	8.52	113	124798m	43.05	ng		
36) 4-Chloro-3-methylphenol	8.65	107	398187	39.21	ng		89
37) 2-Methylnaphthalene	8.80	142	834857	38.42	ng	#	93
39) 1,2,4,5-Tetrachlorobenzene	8.96	216	389271	40.81	ng		99
40) Hexachlorocyclopentadiene	8.94	237	274521	62.56	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.07	196	245039	39.79	ng		99
43) 2,4,5-Trichlorophenol	9.12	196	269210	42.45	ng	#	94
45) 1,1'-Biphenyl	9.25	154	997390	39.83	ng		93
46) 2-Chloronaphthalene	9.28	162	779504	40.92	ng	#	91
47) 2-Nitroaniline	9.38	65	228818	42.57	ng		84
48) Acenaphthylene	9.70	152	1231034	42.68	ng		97
49) Dimethylphthalate	9.56	163	967688	41.66	ng	#	98
50) 2,6-Dinitrotoluene	9.62	165	198581	38.71	ng	#	60
51) Acenaphthene	9.87	154	891591	44.88	ng		90
52) 3-Nitroaniline	9.79	138	89973	16.47	ng	#	75
53) 2,4-Dinitrophenol	9.89	184	131548	48.71	ng	#	36
54) Dibenzofuran	10.04	168	1179400	46.00	ng	#	92
55) 4-Nitrophenol	9.96	139	276004	82.87	ng	#	45
56) 2,4-Dinitrotoluene	10.03	165	300796	47.20	ng	#	96
57) Fluorene	10.38	166	933818	44.47	ng		92
58) 2,3,4,6-Tetrachlorophenol	10.16	232	220012	38.85	ng		94
59) Diethylphthalate	10.26	149	975069	42.26	ng		97
60) 4-Chlorophenyl-phenylether	10.37	204	448928	43.80	ng	#	88
61) 4-Nitroaniline	10.41	138	191855	35.47	ng	#	58
62) Azobenzene	10.53	77	1090286	48.05	ng		87
64) 4,6-Dinitro-2-methylphenol	10.43	198	93290	25.58	ng		92
65) n-Nitrosodiphenylamine	10.50	169	813592	48.29	ng		91
66) 4-Bromophenyl-phenylether	10.86	248	277945	46.15	ng	#	91
67) Hexachlorobenzene	10.93	284	290835	40.80	ng	#	75
68) Atrazine	11.02	200	227367	43.62	ng		86
69) Pentachlorophenol	11.13	266	332942	87.06	ng		97
70) Phenanthrene	11.34	178	1237419	44.18	ng		97
71) Anthracene	11.39	178	1275409	43.24	ng		96
72) Carbazole	11.55	167	1162487	44.63	ng		95
73) Di-n-butylphthalate	11.88	149	1351851	40.26	ng	#	97
74) Fluoranthene	12.52	202	1100079	35.86	ng		97
76) Benzidine	12.65	184	385175	43.29	ng		98
77) Pyrene	12.75	202	1076586	41.75	ng		95
79) Butylbenzylphthalate	13.38	149	598097	51.12	ng		90
80) Benzo(a)anthracene	13.94	228	929785	43.00	ng		96
81) 3,3'-Dichlorobenzidine	13.91	252	267769	31.90	ng	#	97
82) Chrysene	13.97	228	906805	41.46	ng		95
83) Bis(2-ethylhexyl)phthalate	13.94	149	734549	48.21	ng	#	93
84) Di-n-octyl phthalate	14.56	149	1248476	48.80	ng	#	86
85) Indeno(1,2,3-cd)pyrene	16.74	276	853671	44.04	ng	#	91
87) Benzo(b)fluoranthene	14.97	252	916882m	41.57	ng		
88) Benzo(k)fluoranthene	14.99	252	787171m	45.16	ng		
89) Benzo(a)pyrene	15.31	252	815602	43.04	ng	#	88
90) Dibenzo(a,h)anthracene	16.75	278	728239	45.39	ng	#	81
91) Benzo(g,h,i)perylene	17.14	276	630529	41.73	ng	#	84

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

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