Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF030816\
Data File : BF085256.D
Acq On : 8 Mar 2016 15:27
Operator : UM/SJ
Sample : PB88757BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB88757BS

Manual Integrations APPROVED
UMANGI
3/9/2016 9:30:28 AM

Quant Time: Mar 09 00:19:22 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	6.96	152	155379	20.00	ng		-0.02
21) Naphthalene-d8	8.24	136	601846	20.00	ng		-0.02
38) Acenaphthene-d10	10.00	164	275752	20.00	ng		-0.02
63) Phenanthrene-d10	11.49	188	523947	20.00	ng		-0.02
75) Chrysene-d12	14.13	240	404035	20.00	ng		-0.02
86) Perylene-d12	15.59	264	284932	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.58	112	1258409	135.85	ng		0.00
7) Phenol-d6	6.58	99	1500166	123.61	ng		-0.02
23) Nitrobenzene-d5	7.52	82	970235	86.27	ng		-0.02
41) 2,4,6-Tribromophenol	10.80	330	341193	144.60	ng		-0.01
44) 2-Fluorobiphenyl	9.33	172	1678180	92.55	ng		-0.02
78) Terphenyl-d14	13.08	244	1565489	89.95	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.72	88	160105	33.80	ng		97
3) Pyridine	3.49	79	404942	34.16	ng		96
4) n-Nitrosodimethylamine	3.43	42	199287	39.27	ng		100
6) Aniline	6.62	93	401637	23.61	ng		99
8) 2-Chlorophenol	6.74	128	441641	39.60	ng		98
9) Benzaldehyde	6.50	77	128210	19.20	ng		99
10) Phenol	6.60	94	460004m	35.39	ng		
11) bis(2-Chloroethyl)ether	6.70	93	442684	41.01	ng		97
12) 1,3-Dichlorobenzene	6.90	146	474000	39.59	ng		99
13) 1,4-Dichlorobenzene	6.97	146	462405	38.54	ng		99
14) 1,2-Dichlorobenzene	7.13	146	451231	41.45	ng		99
15) Benzyl Alcohol	7.10	79	374480	42.03	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.24	45	548297	35.23	ng		100
17) 2-Methylphenol	7.21	107	391659	43.04	ng		99
18) Hexachloroethane	7.48	117	175108	39.56	ng		95
19) n-Nitroso-di-n-propylamine	7.37	70	288857	36.52	ng	#	91
20) 3+4-Methylphenols	7.36	107	424076	39.34	ng		97
22) Acetophenone	7.37	105	580517	39.52	ng	#	96
24) Nitrobenzene	7.54	77	519428	45.46	ng		96
25) Isophorone	7.78	82	872233	41.85	ng		97
26) 2-Nitrophenol	7.86	139	243746	43.84	ng		95
27) 2,4-Dimethylphenol	7.90	122	464934	45.76	ng		99
28) bis(2-Chloroethoxy)methane	7.99	93	499014	42.99	ng		100
29) 2,4-Dichlorophenol	8.10	162	374455	45.69	ng		98
30) 1,2,4-Trichlorobenzene	8.18	180	368890	41.64	ng		100
31) Naphthalene	8.26	128	1207214	40.79	ng		99
32) Benzoic acid	8.00	122	244599	36.24	ng		98
33) 4-Chloroaniline	8.31	127	146654	12.25	ng		97
34) Hexachlorobutadiene	8.39	225	201592	43.73	ng		98
35) Caprolactam	8.69	113	133710m	49.96	ng		
36) 4-Chloro-3-methylphenol	8.79	107	395418	42.53	ng		97
37) 2-Methylnaphthalene	8.96	142	869545	45.79	ng		99
39) 1,2,4,5-Tetrachlorobenzene	9.13	216	333336	42.27	ng		98
40) Hexachlorocyclopentadiene	9.12	237	398953	93.80	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.24	196	256790	43.74	ng		98
43) 2,4,5-Trichlorophenol	9.28	196	256849	46.15	ng	#	88
45) 1,1'-Biphenyl	9.43	154	992689	42.14	ng		93
46) 2-Chloronaphthalene	9.45	162	788998	43.94	ng		97
47) 2-Nitroaniline	9.54	65	259178	46.58	ng	#	77
48) Acenaphthylene	9.86	152	1155461	41.34	ng		99
49) Dimethylphthalate	9.73	163	942864	44.55	ng		99
50) 2,6-Dinitrotoluene	9.78	165	199484	44.06	ng		97
51) Acenaphthene	10.04	154	795296	46.86	ng		99
52) 3-Nitroaniline	9.96	138	110080	20.32	ng		86
53) 2,4-Dinitrophenol	10.06	184	203000	87.51	ng	#	53
54) Dibenzofuran	10.21	168	982139	44.17	ng		98
55) 4-Nitrophenol	10.12	139	376668	88.48	ng		90
56) 2,4-Dinitrotoluene	10.18	165	238055	41.08	ng	#	83
57) Fluorene	10.55	166	748795	42.88	ng		98
58) 2,3,4,6-Tetrachlorophenol	10.32	232	189593	48.49	ng		99
59) Diethylphthalate	10.42	149	890362	43.35	ng		97
60) 4-Chlorophenyl-phenylether	10.54	204	349196	41.10	ng		90
61) 4-Nitroaniline	10.57	138	227615	44.92	ng		82
62) Azobenzene	10.70	77	938077	46.36	ng		96
64) 4,6-Dinitro-2-methylphenol	10.60	198	142773	45.51	ng		76
65) n-Nitrosodiphenylamine	10.66	169	766977	47.06	ng		99
66) 4-Bromophenyl-phenylether	11.03	248	207318	40.75	ng	#	85
67) Hexachlorobenzene	11.10	284	223885	41.25	ng	#	84
68) Atrazine	11.19	200	259005	57.15	ng		94
69) Pentachlorophenol	11.29	266	284470	94.43	ng		99
70) Phenanthrene	11.51	178	1158621	42.20	ng		99
71) Anthracene	11.57	178	1280811	43.94	ng		99
72) Carbazole	11.72	167	1062561	41.57	ng		99
73) Di-n-butylphthalate	12.05	149	1378077	42.65	ng		99
74) Fluoranthene	12.70	202	1141115	41.41	ng		97
76) Benzidine	12.81	184	344125	28.62	ng		99
77) Pyrene	12.93	202	1130288	37.17	ng		99
79) Butylbenzylphthalate	13.55	149	582763	42.23	ng	#	80
80) Benzo(a)anthracene	14.12	228	944817	39.06	ng		99
81) 3,3'-Dichlorobenzidine	14.07	252	120427	15.78	ng		98
82) Chrysene	14.15	228	863960	38.67	ng		99
83) Bis(2-ethylhexyl)phthalate	14.11	149	731523	40.29	ng	#	96
84) Di-n-octyl phthalate	14.71	149	1157637	41.86	ng		99
85) Indeno(1,2,3-cd)pyrene	17.05	276	702317	40.28	ng		99
87) Benzo(b)fluoranthene	15.16	252	876534	46.15	ng		99
88) Benzo(k)fluoranthene	15.19	252	616935m	40.27	ng		
89) Benzo(a)pyrene	15.53	252	695962	44.22	ng		99
90) Dibenzo(a,h)anthracene	17.08	278	591013	43.99	ng		96
91) Benzo(g,h,i)perylene	17.50	276	603507	44.68	ng		99

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

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