Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF030317\
Data File : BF093389.D
Acq On : 4 Mar 2017 7:05
Operator : SJ/MA
Sample : I2087-01MS
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
FK-BPM-02-002-ABCDMS

Manual Integrations APPROVED
mohammad
3/6/2017 4:23:51 PM

Quant Time: Mar 06 00:07:12 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF013017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sun Mar 05 23:55:48 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.78	152	178029	20.00	ng		0.00
21) Naphthalene-d8	8.08	136	706573	20.00	ng		0.00
38) Acenaphthene-d10	9.82	164	318713	20.00	ng		0.00
63) Phenanthrene-d10	11.31	188	515476	20.00	ng		0.00
75) Chrysene-d12	13.95	240	335114	20.00	ng		0.00
86) Perylene-d12	15.36	264	309882	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.39	112	1559123	150.25	ng		0.02
7) Phenol-d6	6.44	99	1774307	132.89	ng		0.00
23) Nitrobenzene-d5	7.37	82	1268488	99.97	ng		0.01
41) 2,4,6-Tribromophenol	10.62	330	315322	136.79	ng		0.01
44) 2-Fluorobiphenyl	9.15	172	1724743	98.04	ng		0.00
78) Terphenyl-d14	12.89	244	1145089	80.29	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.37	88	246398	43.94	ng	#	84
3) Pyridine	3.07	79	577282	40.49	ng		89
4) n-Nitrosodimethylamine	3.04	42	369449	55.19	ng		84
6) Aniline	6.45	93	422982	23.22	ng	#	55
8) 2-Chlorophenol	6.58	128	566983	49.53	ng		91
9) Benzaldehyde	6.33	77	161066	16.84	ng		85
10) Phenol	6.45	94	777255	49.76	ng		91
11) bis(2-Chloroethyl)ether	6.52	93	619354	49.67	ng		89
12) 1,3-Dichlorobenzene	6.73	146	643495	47.99	ng		98
13) 1,4-Dichlorobenzene	6.81	146	639622m	47.13	ng		
14) 1,2-Dichlorobenzene	6.96	146	592628	45.67	ng		97
15) Benzyl Alcohol	6.94	79	459279	46.46	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.07	45	963746	44.49	ng		72
17) 2-Methylphenol	7.06	107	465504	47.40	ng		94
18) Hexachloroethane	7.30	117	221321	47.77	ng	#	89
19) n-Nitroso-di-n-propylamine	7.22	70	429340	50.51	ng	#	93
20) 3+4-Methylphenols	7.22	107	628356	53.51	ng	#	80
22) Acetophenone	7.21	105	806413	49.99	ng	#	97
24) Nitrobenzene	7.38	77	622910	47.81	ng		99
25) Isophorone	7.62	82	1193829	50.49	ng		95
26) 2-Nitrophenol	7.70	139	334664	54.04	ng		93
27) 2,4-Dimethylphenol	7.74	122	513611	47.22	ng		98
28) bis(2-Chloroethoxy)methane	7.84	93	769723	49.16	ng		100
29) 2,4-Dichlorophenol	7.95	162	480481	47.37	ng		97
30) 1,2,4-Trichlorobenzene	8.02	180	504936	46.19	ng		95
31) Naphthalene	8.10	128	1634762	45.64	ng		99
32) Benzoic acid	7.89	122	201727	35.01	ng		97
33) 4-Chloroaniline	8.16	127	213859	15.22	ng		99
34) Hexachlorobutadiene	8.21	225	261141	43.42	ng		98
35) Caprolactam	8.53	113	159462	49.98	ng	#	28
36) 4-Chloro-3-methylphenol	8.66	107	537018	50.78	ng		94
37) 2-Methylnaphthalene	8.78	142	979580	42.59	ng		99
39) 1,2,4,5-Tetrachlorobenzene	8.96	216	472088	52.77	ng		100
40) Hexachlorocyclopentadiene	8.93	237	137580	34.08	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.07	196	302643	51.48	ng		93
43) 2,4,5-Trichlorophenol	9.13	196	308658	47.92	ng	#	85
45) 1,1'-Biphenyl	9.25	154	1272312	55.13	ng		99
46) 2-Chloronaphthalene	9.28	162	941219	52.13	ng		97
47) 2-Nitroaniline	9.38	65	325274	53.59	ng		92
48) Acenaphthylene	9.69	152	1370840	43.95	ng		99
49) Dimethylphthalate	9.55	163	1260085	58.70	ng		98
50) 2,6-Dinitrotoluene	9.63	165	254355	54.86	ng	#	76
51) Acenaphthene	9.86	154	869249	46.62	ng		98
52) 3-Nitroaniline	9.79	138	154800	29.18	ng		93
53) 2,4-Dinitrophenol	9.92	184	124992	54.60	ng	#	78
54) Dibenzofuran	10.03	168	1178020	47.23	ng		97
55) 4-Nitrophenol	9.98	139	299289	78.32	ng	#	77
56) 2,4-Dinitrotoluene	10.03	165	255255	41.36	ng	#	65
57) Fluorene	10.37	166	931892	48.57	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.16	232	237961	55.38	ng		96
59) Diethylphthalate	10.25	149	995527	49.21	ng		99
60) 4-Chlorophenyl-phenylether	10.36	204	423388	45.93	ng		90
61) 4-Nitroaniline	10.41	138	218348	40.18	ng		94
62) Azobenzene	10.52	77	1217565	58.25	ng		97
64) 4,6-Dinitro-2-methylphenol	10.44	198	120134	38.83	ng	#	17
65) n-Nitrosodiphenylamine	10.49	169	856889	52.04	ng		99
66) 4-Bromophenyl-phenylether	10.85	248	263849	48.99	ng		92
67) Hexachlorobenzene	10.92	284	241838	45.44	ng	#	89
68) Atrazine	11.01	200	243284	46.04	ng		99
69) Pentachlorophenol	11.13	266	208011	76.10	ng		97
70) Phenanthrene	11.33	178	1273790	43.13	ng		99
71) Anthracene	11.39	178	1381583	46.58	ng		98
72) Carbazole	11.55	167	1213151	42.79	ng		97
73) Di-n-butylphthalate	11.87	149	1621572	52.89	ng	#	98
74) Fluoranthene	12.52	202	1203991	39.52	ng		96
76) Benzidine	12.65	184	423768	29.68	ng		97
77) Pyrene	12.75	202	1172541	46.75	ng		99
79) Butylbenzylphthalate	13.37	149	573266	56.29	ng	#	77
80) Benzo(a)anthracene	13.94	228	900135	43.92	ng		99
81) 3,3'-Dichlorobenzidine	13.91	252	303220	41.50	ng	#	95
82) Chrysene	13.97	228	822798m	42.88	ng		
83) Bis(2-ethylhexyl)phthalate	13.92	149	729114	52.35	ng		99
84) Di-n-octyl phthalate	14.53	149	1206969	53.22	ng		98
85) Indeno(1,2,3-cd)pyrene	16.75	276	829383	55.80	ng	#	93
87) Benzo(b)fluoranthene	14.97	252	1049558m	51.46	ng		
88) Benzo(k)fluoranthene	14.99	252	637206m	36.18	ng		
89) Benzo(a)pyrene	15.31	252	834917	47.32	ng		97
90) Dibenzo(a,h)anthracene	16.75	278	694428	48.70	ng		99
91) Benzo(g,h,i)perylene	17.15	276	707116	49.09	ng	#	90

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

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