Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF122015\
Data File : BF083979.D
Acq On : 20 Dec 2015 4:59
Operator : UM/SJ
Sample : G4838-02MSD
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC121515-LIQUID-POPHMSD

Manual Integrations APPROVED
apatel
12/22/2015 12:17:37 PM

Quant Time: Dec 20 07:22:59 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF121815.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 18 14:23:22 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	84689	20.00	ng		-0.02
21) Naphthalene-d8	8.13	136	327281	20.00	ng		-0.02
38) Acenaphthene-d10	9.89	164	157224	20.00	ng		-0.02
63) Phenanthrene-d10	11.37	188	259975	20.00	ng		-0.02
75) Chrysene-d12	14.01	240	183511	20.00	ng		-0.02
86) Perylene-d12	15.44	264	138310	20.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.48	112	565110	104.43	ng		0.00
7) Phenol-d6	6.51	99	727985	109.90	ng		0.00
23) Nitrobenzene-d5	7.42	82	526330	91.78	ng		-0.01
41) 2,4,6-Tribromophenol	10.68	330	209079	120.71	ng		-0.02
44) 2-Fluorobiphenyl	9.22	172	1045211	95.13	ng		-0.02
78) Terphenyl-d14	12.96	244	879743	114.24	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	2.50	88	65060	27.71	ng		97
3) Pyridine	3.24	79	87625	15.10	ng		99
4) n-Nitrosodimethylamine	3.17	42	76573	34.58	ng		90
6) Aniline	6.52	93	112030	13.13	ng	#	1
8) 2-Chlorophenol	6.65	128	204727	31.79	ng		89
9) Benzaldehyde	6.40	77	62987	15.78	ng		90
10) Phenol	6.52	94	309391	41.86	ng		92
11) bis(2-Chloroethyl)ether	6.59	93	199219	35.48	ng		99
12) 1,3-Dichlorobenzene	6.80	146	240684	34.75	ng		99
13) 1,4-Dichlorobenzene	6.86	146	236410	33.43	ng		96
14) 1,2-Dichlorobenzene	7.02	146	243837	42.59	ng		98
15) Benzyl Alcohol	7.00	79	192153	38.33	ng		92
16) 2,2'-oxybis(1-Chloropropan	7.14	45	224598	38.79	ng		90
17) 2-Methylphenol	7.13	107	205110	40.60	ng	#	93
18) Hexachloroethane	7.37	117	92217	35.54	ng	#	89
19) n-Nitroso-di-n-propylamine	7.28	70	171641	44.45	ng		92
20) 3+4-Methylphenols	7.28	107	253819	42.75	ng	#	56
22) Acetophenone	7.26	105	339008	43.03	ng	#	93
24) Nitrobenzene	7.44	77	235964	39.79	ng		98
25) Isophorone	7.68	82	460727	42.70	ng		100
26) 2-Nitrophenol	7.76	139	117266	38.20	ng		94
27) 2,4-Dimethylphenol	7.80	122	237841	44.98	ng		97
28) bis(2-Chloroethoxy)methane	7.89	93	298487	46.77	ng		97
29) 2,4-Dichlorophenol	8.01	162	219322	45.72	ng		96
30) 1,2,4-Trichlorobenzene	8.08	180	201332	39.08	ng		99
31) Naphthalene	8.16	128	1124334	69.38	ng		99
32) Benzoic acid	7.95	122	144823	65.30	ng		93
33) 4-Chloroaniline	8.21	127	86030	11.58	ng	#	92
34) Hexachlorobutadiene	8.28	225	124317	38.64	ng		99
35) Caprolactam	8.59	113	63384	39.99	ng		96
36) 4-Chloro-3-methylphenol	8.70	107	241216	44.53	ng		96
37) 2-Methylnaphthalene	8.85	142	576596	50.69	ng		99
39) 1,2,4,5-Tetrachlorobenzene	9.01	216	205879	41.53	ng		98
40) Hexachlorocyclopentadiene	9.00	237	82689	56.82	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.14	196	142624	43.57	ng		99
43) 2,4,5-Trichlorophenol	9.18	196	161058	49.72	ng	#	93
45) 1,1'-Biphenyl	9.31	154	560855	42.41	ng		99
46) 2-Chloronaphthalene	9.33	162	418533	40.33	ng		99
47) 2-Nitroaniline	9.44	65	140907	45.32	ng	#	80
48) Acenaphthylene	9.76	152	804846	43.91	ng		99
49) Dimethylphthalate	9.62	163	484830	36.75	ng	#	90
50) 2,6-Dinitrotoluene	9.68	165	113936	39.59	ng	#	63
51) Acenaphthene	9.93	154	469056	41.62	ng		98
52) 3-Nitroaniline	9.85	138	71446	23.55	ng		79
53) 2,4-Dinitrophenol	9.96	184	101143	95.58	ng		94
54) Dibenzofuran	10.10	168	692213	47.29	ng		96
55) 4-Nitrophenol	10.03	139	146838	77.54	ng		87
56) 2,4-Dinitrotoluene	10.09	165	182835	49.56	ng		90
57) Fluorene	10.44	166	541872	48.94	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.22	232	123452	51.51	ng		89
59) Diethylphthalate	10.32	149	570010	41.79	ng		98
60) 4-Chlorophenyl-phenylether	10.43	204	243132	43.34	ng		98
61) 4-Nitroaniline	10.46	138	118444	37.74	ng		95
62) Azobenzene	10.59	77	554528	48.50	ng		98
64) 4,6-Dinitro-2-methylphenol	10.50	198	79594	49.67	ng		85
65) n-Nitrosodiphenylamine	10.56	169	464370	49.09	ng		98
66) 4-Bromophenyl-phenylether	10.92	248	157523	49.56	ng		99
67) Hexachlorobenzene	10.99	284	137796	41.17	ng	#	91
68) Atrazine	11.08	200	118715	39.61	ng		100
69) Pentachlorophenol	11.18	266	148737	103.28	ng		97
70) Phenanthrene	11.40	178	757148	48.20	ng		99
71) Anthracene	11.45	178	663803	43.72	ng		99
72) Carbazole	11.61	167	719494	47.96	ng		98
73) Di-n-butylphthalate	11.94	149	891721	50.59	ng		99
74) Fluoranthene	12.58	202	681214	43.46	ng		100
77) Pyrene	12.81	202	647632	53.77	ng		100
79) Butylbenzylphthalate	13.43	149	319441	52.29	ng		95
80) Benzo(a)anthracene	14.00	228	480964	42.63	ng		99
81) 3,3'-Dichlorobenzidine	13.96	252	66007	15.65	ng	#	99
82) Chrysene	14.03	228	445835	40.90	ng		100
83) Bis(2-ethylhexyl)phthalate	13.99	149	429702	52.68	ng		99
84) Di-n-octyl phthalate	14.59	149	701391	54.95	ng		98
85) Indeno(1,2,3-cd)pyrene	16.87	276	537960	66.01	ng		99
87) Benzo(b)fluoranthene	15.03	252	575942m	57.12	ng		
88) Benzo(k)fluoranthene	15.06	252	345363m	41.52	ng		
89) Benzo(a)pyrene	15.38	252	423705	50.88	ng	#	98
90) Dibenzo(a,h)anthracene	16.87	278	446189	68.88	ng		99
91) Benzo(g,h,i)perylene	17.29	276	451875	71.18	ng		99

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

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