Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF060516\
Data File : BF087742.D
Acq On : 6 Jun 2016 8:19
Operator : UM/SJ
Sample : H3356-01MSD
Misc :
ALS Vial : 78 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
U5-B2(0-10)CMSD

Manual Integrations APPROVED
SOHIL
6/6/2016 7:25:39 PM

Quant Time: Jun 06 12:47:27 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060416.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jun 04 11:07:28 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	133901	20.00	ng		0.00
21) Naphthalene-d8	8.15	136	498182	20.00	ng		0.00
38) Acenaphthene-d10	9.91	164	226829	20.00	ng		0.00
63) Phenanthrene-d10	11.38	188	326392	20.00	ng		0.00
75) Chrysene-d12	14.02	240	263658	20.00	ng		0.00
86) Perylene-d12	15.45	264	219260	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.47	112	760800	91.84	ng		0.02
7) Phenol-d6	6.50	99	930899	89.60	ng		0.01
23) Nitrobenzene-d5	7.43	82	571705	66.40	ng		0.00
41) 2,4,6-Tribromophenol	10.70	330	217717	95.62	ng		0.01
44) 2-Fluorobiphenyl	9.23	172	1011917	63.24	ng		0.00
78) Terphenyl-d14	12.97	244	754960	69.87	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.55	88	99633	24.88	ng	#	30
3) Pyridine	3.28	79	250330	23.66	ng		99
4) n-Nitrosodimethylamine	3.21	42	136761	30.60	ng		97
6) Aniline	6.52	93	203300	13.80	ng		96
8) 2-Chlorophenol	6.65	128	319121	33.48	ng		90
9) Benzaldehyde	6.40	77	22623	3.22	ng	#	81
10) Phenol	6.51	94	371601	31.41	ng		87
11) bis(2-Chloroethyl)ether	6.60	93	305048	35.49	ng		87
12) 1,3-Dichlorobenzene	6.80	146	296031	29.00	ng		98
13) 1,4-Dichlorobenzene	6.88	146	307304	30.01	ng		98
14) 1,2-Dichlorobenzene	7.04	146	298881	31.13	ng		99
15) Benzyl Alcohol	7.00	79	219075	28.54	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.14	45	390412	31.14	ng		97
17) 2-Methylphenol	7.12	107	240807	31.46	ng		99
18) Hexachloroethane	7.38	117	98571	27.52	ng		95
19) n-Nitroso-di-n-propylamine	7.29	70	196182	30.23	ng	#	81
20) 3+4-Methylphenols	7.28	107	300852	32.08	ng	#	83
22) Acetophenone	7.28	105	393592	34.88	ng	#	91
24) Nitrobenzene	7.45	77	335893	38.98	ng		95
25) Isophorone	7.69	82	518305	33.06	ng		99
26) 2-Nitrophenol	7.76	139	85899	21.45	ng		99
27) 2,4-Dimethylphenol	7.80	122	253671	30.57	ng		94
28) bis(2-Chloroethoxy)methane	7.91	93	339090	34.10	ng		99
29) 2,4-Dichlorophenol	8.01	162	246665	36.19	ng		93
30) 1,2,4-Trichlorobenzene	8.09	180	251295	35.21	ng		99
31) Naphthalene	8.17	128	816085	33.69	ng		100
33) 4-Chloroaniline	8.22	127	111475	10.59	ng		98
34) Hexachlorobutadiene	8.30	225	136495	36.78	ng		99
35) Caprolactam	8.59	113	79546	35.53	ng	#	73
36) 4-Chloro-3-methylphenol	8.71	107	232420	32.97	ng		96
37) 2-Methylnaphthalene	8.87	142	547627	34.24	ng		99
39) 1,2,4,5-Tetrachlorobenzene	9.03	216	217528	34.80	ng	#	1
40) Hexachlorocyclopentadiene	9.02	237	56550	15.38	ng		99
42) 2,4,6-Trichlorophenol	9.14	196	148759	31.51	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
43) 2,4,5-Trichlorophenol	9.19	196	144476	32.88	ng		98
45) 1,1'-Biphenyl	9.32	154	549669	29.86	ng		99
46) 2-Chloronaphthalene	9.35	162	451572	30.82	ng		100
47) 2-Nitroaniline	9.45	65	172884	41.90	ng	#	71
48) Acenaphthylene	9.77	152	744967	32.60	ng		99
49) Dimethylphthalate	9.63	163	860092	52.16	ng		100
50) 2,6-Dinitrotoluene	9.69	165	118629	31.62	ng	#	84
51) Acenaphthene	9.94	154	455178	30.96	ng		99
52) 3-Nitroaniline	9.86	138	142192	33.13	ng	#	69
53) 2,4-Dinitrophenol	9.95	184	4705	6.51	ng	#	64
54) Dibenzofuran	10.11	168	705273	35.23	ng		97
55) 4-Nitrophenol	10.02	139	220921	60.23	ng	#	78
56) 2,4-Dinitrotoluene	10.09	165	155731	32.60	ng	#	86
57) Fluorene	10.46	166	513146	32.79	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.23	232	116457	30.77	ng	#	52
59) Diethylphthalate	10.33	149	599122	36.18	ng		100
60) 4-Chlorophenyl-phenylether	10.44	204	216728	32.16	ng		98
61) 4-Nitroaniline	10.47	138	137147	33.24	ng		95
62) Azobenzene	10.60	77	598587	35.91	ng		99
64) 4,6-Dinitro-2-methylphenol	10.49	198	7824	6.15	ng		97
65) n-Nitrosodiphenylamine	10.56	169	470044	43.97	ng		100
66) 4-Bromophenyl-phenylether	10.94	248	155596	48.08	ng		96
67) Hexachlorobenzene	10.99	284	149232	41.23	ng		94
68) Atrazine	11.10	200	137673	43.47	ng		97
69) Pentachlorophenol	11.19	266	146176	67.97	ng		98
70) Phenanthrene	11.42	178	759920	42.94	ng		98
71) Anthracene	11.46	178	735650	41.49	ng		100
72) Carbazole	11.62	167	722132	43.02	ng	#	97
73) Di-n-butylphthalate	11.95	149	879936	48.90	ng		100
74) Fluoranthene	12.61	202	783310	44.98	ng		92
76) Benzidine	12.72	184	187923	18.08	ng		98
77) Pyrene	12.82	202	727453	38.75	ng		100
79) Butylbenzylphthalate	13.45	149	372855	46.66	ng		97
80) Benzo(a)anthracene	14.01	228	644836	42.38	ng		100
81) 3,3'-Dichlorobenzidine	13.98	252	152003	35.41	ng	#	96
82) Chrysene	14.05	228	546197	36.06	ng		99
83) Bis(2-ethylhexyl)phthalate	14.01	149	485666	51.08	ng		99
84) Di-n-octyl phthalate	14.62	149	812011	45.93	ng	#	100
85) Indeno(1,2,3-cd)pyrene	16.86	276	534549	42.70	ng	#	100
87) Benzo(b)fluoranthene	15.04	252	593074m	41.58	ng		
88) Benzo(k)fluoranthene	15.07	252	584010m	49.21	ng		
89) Benzo(a)pyrene	15.39	252	540540	45.08	ng		97
90) Dibenzo(a,h)anthracene	16.87	278	444025	43.52	ng		99
91) Benzo(g,h,i)perylene	17.27	276	434555	42.21	ng		99

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

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