Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF082915\
Data File : BF081292.D
Acq On : 30 Aug 2015 2:03
Operator : UM/IZ
Sample : G3474-05MSD
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-04MSD

Manual Integrations APPROVED
MMDadoda
8/31/2015 1:59:27 PM

Quant Time: Aug 31 13:35:54 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 31 00:56:51 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.48	152	58051	20.00	ng		0.00
21) Naphthalene-d8	7.77	136	226401	20.00	ng		0.00
38) Acenaphthene-d10	9.52	164	105148	20.00	ng		0.00
63) Phenanthrene-d10	10.99	188	186224	20.00	ng		0.01
75) Chrysene-d12	13.60	240	116403	20.00	ng		0.00
86) Perylene-d12	14.93	264	102775	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.05	112	208823	54.11	ng		0.02
7) Phenol-d6	6.15	99	177695	35.29	ng		0.01
23) Nitrobenzene-d5	7.06	82	386955	78.08	ng		0.00
41) 2,4,6-Tribromophenol	10.31	330	86932	95.38	ng		0.00
44) 2-Fluorobiphenyl	8.86	172	586738	73.11	ng		0.00
78) Terphenyl-d14	12.57	244	464901	85.62	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	1.90	88	24794	13.63	ng		96
3) Pyridine	2.51	79	64081	12.48	ng	#	80
4) n-Nitrosodimethylamine	2.43	42	39889	13.96	ng	#	75
6) Aniline	6.18	93	106263	14.51	ng		98
8) 2-Chlorophenol	6.27	128	131386	31.10	ng		83
9) Benzaldehyde	6.02	77	20289	6.25	ng		91
10) Phenol	6.16	94	74620	12.55	ng		89
11) bis(2-Chloroethyl)ether	6.23	93	177316	38.86	ng		92
12) 1,3-Dichlorobenzene	6.42	146	165686	36.50	ng		97
13) 1,4-Dichlorobenzene	6.50	146	169733	37.76	ng		98
14) 1,2-Dichlorobenzene	6.65	146	143114	34.02	ng		99
15) Benzyl Alcohol	6.65	79	104246	25.59	ng	#	90
16) 2,2'-oxybis(1-Chloropropan	6.79	45	334137	37.26	ng		79
17) 2-Methylphenol	6.78	107	87748	24.21	ng	#	89
18) Hexachloroethane	6.99	117	68158	37.53	ng		96
19) n-Nitroso-di-n-propylamine	6.93	70	129801	37.21	ng		92
20) 3+4-Methylphenols	6.94	107	118145	25.68	ng	#	44
22) Acetophenone	6.91	105	245615	41.32	ng	#	75
24) Nitrobenzene	7.09	77	195920	37.81	ng	#	86
25) Isophorone	7.33	82	337453	36.51	ng		99
26) 2-Nitrophenol	7.39	139	74256	34.46	ng		86
27) 2,4-Dimethylphenol	7.46	122	137830	36.15	ng		91
28) bis(2-Chloroethoxy)methane	7.54	93	202042	37.00	ng		99
29) 2,4-Dichlorophenol	7.65	162	114026	35.53	ng		88
30) 1,2,4-Trichlorobenzene	7.71	180	127048	35.61	ng		97
31) Naphthalene	7.79	128	459136	36.38	ng		99
32) Benzoic acid	7.59	122	34423	16.05	ng		88
33) 4-Chloroaniline	7.86	127	51428	9.66	ng	#	88
34) Hexachlorobutadiene	7.92	225	82030	40.66	ng		97
35) Caprolactam	8.29	113	7403	6.60	ng		95
36) 4-Chloro-3-methylphenol	8.37	107	131148	34.28	ng		88
37) 2-Methylnaphthalene	8.48	142	293539	36.82	ng		100
39) 1,2,4,5-Tetrachlorobenzene	8.65	216	112459	33.15	ng	#	96
40) Hexachlorocyclopentadiene	8.64	237	90561	51.57	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.78	196	86971	36.29	ng		97
43) 2,4,5-Trichlorophenol	8.82	196	78955	32.96	ng	#	84
45) 1,1'-Biphenyl	8.95	154	333688	36.03	ng		95
46) 2-Chloronaphthalene	8.97	162	266881	35.87	ng		93
47) 2-Nitroaniline	9.09	65	118672	38.97	ng	#	72
48) Acenaphthylene	9.38	152	456978	34.33	ng		99
49) Dimethylphthalate	9.27	163	307869	35.55	ng		99
50) 2,6-Dinitrotoluene	9.33	165	59609	32.06	ng	#	60
51) Acenaphthene	9.55	154	277777	34.86	ng		99
52) 3-Nitroaniline	9.50	138	36007	15.48	ng		84
53) 2,4-Dinitrophenol	9.60	184	70693	70.15	ng		90
54) Dibenzofuran	9.73	168	392569	36.77	ng		95
55) 4-Nitrophenol	9.69	139	36260m	22.19	ng		
56) 2,4-Dinitrotoluene	9.73	165	82694	33.56	ng	#	59
57) Fluorene	10.07	166	293248	35.70	ng		98
58) 2,3,4,6-Tetrachlorophenol	9.85	232	62689m	33.81	ng		
59) Diethylphthalate	9.97	149	349383	38.12	ng		97
60) 4-Chlorophenyl-phenylether	10.07	204	139721	40.20	ng	#	82
61) 4-Nitroaniline	10.10	138	38720	16.28	ng		97
62) Azobenzene	10.22	77	354369	33.55	ng		97
64) 4,6-Dinitro-2-methylphenol	10.14	198	44263	39.80	ng	#	54
65) n-Nitrosodiphenylamine	10.19	169	254117	38.23	ng		99
66) 4-Bromophenyl-phenylether	10.55	248	75850	41.46	ng	#	79
67) Hexachlorobenzene	10.61	284	76813	41.46	ng	#	90
68) Atrazine	10.77	200	50381	27.20	ng		94
69) Pentachlorophenol	10.81	266	70640	63.55	ng		99
70) Phenanthrene	11.02	178	429628	38.93	ng		99
71) Anthracene	11.06	178	370005	34.45	ng		100
72) Carbazole	11.23	167	384971	37.23	ng		98
73) Di-n-butylphthalate	11.58	149	470387	37.60	ng		98
74) Fluoranthene	12.19	202	450040	37.79	ng		98
77) Pyrene	12.41	202	394969	41.74	ng		99
79) Butylbenzylphthalate	13.06	149	206538	50.78	ng		96
80) Benzo(a)anthracene	13.60	228	322955	41.37	ng		99
82) Chrysene	13.64	228	297188	42.24	ng		98
83) Bis(2-ethylhexyl)phthalate	13.62	149	317736	60.99	ng		100
84) Di-n-octyl phthalate	14.23	149	471653	59.56	ng		98
85) Indeno(1,2,3-cd)pyrene	16.08	276	271277	54.92	ng	#	94
87) Benzo(b)fluoranthene	14.58	252	249155m	34.27	ng		
88) Benzo(k)fluoranthene	14.61	252	225846m	33.34	ng		
89) Benzo(a)pyrene	14.88	252	251481	39.70	ng		97
90) Dibenzo(a,h)anthracene	16.09	278	225621	45.71	ng	#	95
91) Benzo(g,h,i)perylene	16.42	276	227953	45.52	ng	#	93

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

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