Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF082115\
Data File : BF081155.D
Acq On : 21 Aug 2015 20:16
Operator : UM/IZ
Sample : G3363-10MSD
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TEC-C1MSD

Manual Integrations APPROVED
MMDadoda
8/24/2015 11:23:57 AM

Quant Time: Aug 22 05:29:34 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 21 23:26:22 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.56	152	61861	20.00	ng		0.00
21) Naphthalene-d8	7.84	136	243337	20.00	ng		0.00
38) Acenaphthene-d10	9.59	164	117797	20.00	ng		0.00
63) Phenanthrene-d10	11.05	188	214588	20.00	ng		0.00
75) Chrysene-d12	13.67	240	164005	20.00	ng		0.00
86) Perylene-d12	15.00	264	123476	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.14	112	495046	120.37	ng		0.03
7) Phenol-d6	6.22	99	665672	124.05	ng		0.01
23) Nitrobenzene-d5	7.13	82	475747	89.31	ng		0.00
41) 2,4,6-Tribromophenol	10.38	330	132640	129.90	ng		0.01
44) 2-Fluorobiphenyl	8.93	172	777728	86.51	ng		0.00
78) Terphenyl-d14	12.64	244	691223	90.35	ng		0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.13	88	57984	29.92	ng	#	89
4) n-Nitrosodimethylamine	2.63	42	91649	30.09	ng	#	79
8) 2-Chlorophenol	6.34	128	191205	42.47	ng		88
9) Benzaldehyde	6.09	77	73812	21.34	ng		97
10) Phenol	6.23	94	231830	36.58	ng	#	62
11) bis(2-Chloroethyl)ether	6.31	93	209416	43.06	ng		97
12) 1,3-Dichlorobenzene	6.49	146	172403	35.64	ng	#	94
13) 1,4-Dichlorobenzene	6.57	146	176945	36.94	ng		95
14) 1,2-Dichlorobenzene	6.72	146	153511	34.24	ng		95
15) Benzyl Alcohol	6.71	79	157990	36.39	ng		97
16) 2,2'-oxybis(1-Chloropropan	6.85	45	388553	40.66	ng		92
17) 2-Methylphenol	6.84	107	159984	41.42	ng		96
18) Hexachloroethane	7.06	117	65814	34.01	ng		96
19) n-Nitroso-di-n-propylamine	6.98	70	154803	41.64	ng		93
20) 3+4-Methylphenols	7.00	107	207077	42.24	ng	#	44
22) Acetophenone	6.97	105	284584	44.55	ng	#	88
24) Nitrobenzene	7.14	77	208738	37.48	ng		96
25) Isophorone	7.40	82	412913	41.57	ng		96
26) 2-Nitrophenol	7.46	139	96888	41.83	ng	#	80
27) 2,4-Dimethylphenol	7.52	122	186836	45.60	ng		91
28) bis(2-Chloroethoxy)methane	7.61	93	255074	43.46	ng		99
29) 2,4-Dichlorophenol	7.72	162	150665	43.67	ng		98
30) 1,2,4-Trichlorobenzene	7.78	180	150190	39.17	ng		98
31) Naphthalene	7.86	128	531983	39.22	ng		99
32) Benzoic acid	7.66	122	120032	52.08	ng		92
33) 4-Chloroaniline	7.92	127	24933	4.36	ng	#	91
34) Hexachlorobutadiene	7.99	225	90109	41.56	ng		97
35) Caprolactam	8.30	113	40690m	33.75	ng		
36) 4-Chloro-3-methylphenol	8.41	107	177303	43.12	ng		97
37) 2-Methylnaphthalene	8.55	142	350094	40.86	ng		97
39) 1,2,4,5-Tetrachlorobenzene	8.72	216	147746	38.87	ng		98
40) Hexachlorocyclopentadiene	8.71	237	91216	46.37	ng		98
42) 2,4,6-Trichlorophenol	8.84	196	110674	41.22	ng		99
43) 2,4,5-Trichlorophenol	8.88	196	110957	41.35	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
45) 1,1'-Biphenyl	9.02	154	420171	40.49	ng		96
46) 2-Chloronaphthalene	9.04	162	344829	41.37	ng		97
47) 2-Nitroaniline	9.14	65	143356	42.03	ng	#	75
48) Acenaphthylene	9.45	152	568476	38.12	ng		99
49) Dimethylphthalate	9.34	163	391429	40.35	ng		98
50) 2,6-Dinitrotoluene	9.38	165	76883	36.91	ng	#	58
51) Acenaphthene	9.62	154	340221	38.11	ng		99
52) 3-Nitroaniline	9.54	138	52157	20.01	ng		93
53) 2,4-Dinitrophenol	9.66	184	67063	61.17	ng	#	80
54) Dibenzofuran	9.80	168	487397	40.74	ng		99
55) 4-Nitrophenol	9.73	139	122979	67.18	ng	#	83
56) 2,4-Dinitrotoluene	9.78	165	100898	36.55	ng	#	60
57) Fluorene	10.13	166	337532	36.68	ng		99
58) 2,3,4,6-Tetrachlorophenol	9.91	232	84074m	40.48	ng		
59) Diethylphthalate	10.02	149	386788	37.67	ng		99
60) 4-Chlorophenyl-phenylether	10.13	204	154685	39.72	ng		97
61) 4-Nitroaniline	10.16	138	85685	32.16	ng		93
62) Azobenzene	10.29	77	430943m	36.42	ng		
64) 4,6-Dinitro-2-methylphenol	10.20	198	45761	35.71	ng	#	50
65) n-Nitrosodiphenylamine	10.25	169	335434	43.79	ng		99
66) 4-Bromophenyl-phenylether	10.62	248	100454	47.65	ng		96
67) Hexachlorobenzene	10.68	284	103964	48.70	ng		97
68) Atrazine	10.79	200	110692	51.87	ng		93
69) Pentachlorophenol	10.87	266	111094	86.73	ng		98
70) Phenanthrene	11.08	178	500808	39.38	ng		99
71) Anthracene	11.13	178	569017	45.98	ng		100
72) Carbazole	11.29	167	571037	47.93	ng		99
73) Di-n-butylphthalate	11.64	149	624863	43.34	ng		98
74) Fluoranthene	12.25	202	521736	38.02	ng		93
77) Pyrene	12.48	202	622355	46.68	ng		99
79) Butylbenzylphthalate	13.12	149	265343	46.30	ng		99
80) Benzo(a)anthracene	13.66	228	452533	41.14	ng		99
81) 3,3'-Dichlorobenzidine	13.64	252	103563	29.07	ng	#	95
82) Chrysene	13.69	228	353096	35.62	ng		99
83) Bis(2-ethylhexyl)phthalate	13.68	149	380534	51.84	ng		100
84) Di-n-octyl phthalate	14.29	149	598274	53.62	ng		98
85) Indeno(1,2,3-cd)pyrene	16.19	276	332317	47.75	ng	#	94
87) Benzo(b)fluoranthene	14.65	252	427757m	48.98	ng		
88) Benzo(k)fluoranthene	14.68	252	290304m	35.67	ng		
89) Benzo(a)pyrene	14.95	252	342249	44.97	ng		98
90) Dibenzo(a,h)anthracene	16.20	278	277632	46.82	ng	#	94
91) Benzo(g,h,i)perylene	16.54	276	263815	43.85	ng	#	91

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

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