Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF061715\
Data File : BF080041.D
Acq On : 18 Jun 2015 00:23
Operator : TP/IZ
Sample : G2651-09MSD
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NC-HC-001MSD

Manual Integrations APPROVED
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6/18/2015 4:07:26 PM

Quant Time: Jun 18 13:14:07 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF061715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 17 16:41:53 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.34	152	43532	20.00	ng		0.00
21) Naphthalene-d8	8.63	136	167790	20.00	ng		0.00
38) Acenaphthene-d10	10.40	164	87171	20.00	ng		0.00
63) Phenanthrene-d10	11.91	188	172051	20.00	ng		0.00
75) Chrysene-d12	14.92	240	193662	20.00	ng		0.06
86) Perylene-d12	16.80	264	192449	20.00	ng		0.06
System Monitoring Compounds							
5) 2-Fluorophenol	5.96	112	308764	125.55	ng		0.01
7) Phenol-d6	6.94	99	404764	123.69	ng		0.00
23) Nitrobenzene-d5	7.90	82	247264	85.79	ng		0.00
41) 2,4,6-Tribromophenol	11.19	330	112748	132.27	ng		-0.01
44) 2-Fluorobiphenyl	9.70	172	526784	86.18	ng		0.00
78) Terphenyl-d14	13.61	244	645655	77.86	ng		0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.24	88	30788	26.34	ng		86
3) Pyridine	4.06	79	81085	26.08	ng	#	85
4) n-Nitrosodimethylamine	3.96	42	48640	32.92	ng		98
6) Aniline	7.00	93	144579	32.11	ng		95
8) 2-Chlorophenol	7.12	128	110850	39.00	ng		91
9) Benzaldehyde	6.88	77	75312	39.86	ng	#	74
10) Phenol	6.95	94	125322	35.09	ng	#	64
11) bis(2-Chloroethyl)ether	7.05	93	105726	37.31	ng		98
12) 1,3-Dichlorobenzene	7.28	146	123449	36.16	ng	#	94
13) 1,4-Dichlorobenzene	7.36	146	115553	35.58	ng		98
14) 1,2-Dichlorobenzene	7.51	146	115398m	36.52	ng		
15) Benzyl Alcohol	7.46	79	102116	38.16	ng	#	80
16) 2,2'-oxybis(1-Chloropropan	7.60	45	157873	37.54	ng		89
17) 2-Methylphenol	7.57	107	89828	37.00	ng	#	85
18) Hexachloroethane	7.86	117	37510	34.69	ng	#	73
19) n-Nitroso-di-n-propylamine	7.73	70	79632	35.05	ng	#	81
20) 3+4-Methylphenols	7.72	107	118378	37.78	ng		87
22) Acetophenone	7.74	105	157851	40.37	ng	#	83
24) Nitrobenzene	7.91	77	113617	38.19	ng	#	62
25) Isophorone	8.15	82	227935	39.30	ng	#	88
26) 2-Nitrophenol	8.23	139	49320	39.61	ng	#	40
27) 2,4-Dimethylphenol	8.25	122	98138	37.80	ng	#	79
28) bis(2-Chloroethoxy)methane	8.36	93	136655	40.10	ng	#	94
29) 2,4-Dichlorophenol	8.47	162	90369	40.64	ng		89
30) 1,2,4-Trichlorobenzene	8.57	180	93365	36.97	ng		96
31) Naphthalene	8.65	128	334176m	38.09	ng		
32) Benzoic acid	8.31	122	38723	24.67	ng	#	63
33) 4-Chloroaniline	8.69	127	120342m	32.05	ng		
34) Hexachlorobutadiene	8.77	225	58379	37.54	ng		96
35) Caprolactam	9.02	113	27075	37.51	ng	#	76
36) 4-Chloro-3-methylphenol	9.16	107	103807	41.39	ng	#	80
37) 2-Methylnaphthalene	9.35	142	223767	39.43	ng	#	92
39) 1,2,4,5-Tetrachlorobenzene	9.51	216	97554	38.46	ng		97
40) Hexachlorocyclopentadiene	9.51	237	36358	31.93	ng		96

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.62	196	65406	37.89	ng		96
43) 2,4,5-Trichlorophenol	9.66	196	79266	39.86	ng		97
45) 1,1'-Biphenyl	9.81	154	271817	38.33	ng		96
46) 2-Chloronaphthalene	9.84	162	223424	38.83	ng		96
47) 2-Nitroaniline	9.92	65	63893	40.45	ng	#	73
48) Acenaphthylene	10.26	152	345344	35.95	ng		97
49) Dimethylphthalate	10.09	163	302418	46.15	ng	#	97
50) 2,6-Dinitrotoluene	10.16	165	55260	42.06	ng	#	84
51) Acenaphthene	10.44	154	224202	38.16	ng		96
52) 3-Nitroaniline	10.33	138	59430	39.20	ng	#	73
53) 2,4-Dinitrophenol	10.44	184	30879	59.37	ng	#	1
54) Dibenzofuran	10.61	168	330508	39.64	ng		92
55) 4-Nitrophenol	10.48	139	92603	76.43	ng	#	85
56) 2,4-Dinitrotoluene	10.57	165	66203	39.71	ng	#	85
57) Fluorene	10.95	166	251184	37.97	ng		91
58) 2,3,4,6-Tetrachlorophenol	10.72	232	68624	40.88	ng		94
59) Diethylphthalate	10.80	149	267112	40.48	ng		98
60) 4-Chlorophenyl-phenylether	10.94	204	120170	37.80	ng		97
61) 4-Nitroaniline	10.95	138	56038	35.79	ng	#	73
62) Azobenzene	11.10	77	260162	38.73	ng		90
64) 4,6-Dinitro-2-methylphenol	10.98	198	26187	34.18	ng	#	68
65) n-Nitrosodiphenylamine	11.05	169	217986	38.91	ng		92
66) 4-Bromophenyl-phenylether	11.43	248	71918	39.31	ng	#	88
67) Hexachlorobenzene	11.51	284	75309	37.04	ng	#	75
68) Atrazine	11.57	200	68588	38.75	ng		83
69) Pentachlorophenol	11.70	266	93944	81.54	ng		99
70) Phenanthrene	11.93	178	385563	37.02	ng		97
71) Anthracene	11.99	178	399236	39.81	ng		98
72) Carbazole	12.14	167	361730	37.78	ng		96
73) Di-n-butylphthalate	12.47	149	450426	40.71	ng	#	99
74) Fluoranthene	13.21	202	426692	38.46	ng		87
76) Benzidine	13.33	184	176940	32.69	ng		97
77) Pyrene	13.47	202	436234	36.59	ng		96
79) Butylbenzylphthalate	14.17	149	199202	41.60	ng		89
80) Benzo(a)anthracene	14.91	228	446738	37.87	ng		97
81) 3,3'-Dichlorobenzidine	14.85	252	166489	40.92	ng	#	93
82) Chrysene	14.95	228	415944	38.23	ng		94
83) Bis(2-ethylhexyl)phthalate	14.88	149	304826	40.28	ng		95
84) Di-n-octyl phthalate	15.69	149	521564	40.22	ng		96
85) Indeno(1,2,3-cd)pyrene	18.68	276	501522	36.56	ng	#	89
87) Benzo(b)fluoranthene	16.27	252	425373	36.51	ng	#	86
88) Benzo(k)fluoranthene	16.30	252	456435	38.47	ng	#	88
89) Benzo(a)pyrene	16.72	252	434825	39.29	ng	#	88
90) Dibenzo(a,h)anthracene	18.70	278	423806	37.42	ng	#	80
91) Benzo(g,h,i)perylene	19.24	276	424142	37.09	ng	#	77

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

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