Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF082415\
Data File : BF081178.D
Acq On : 24 Aug 2015 20:00
Operator : UM/IZ
Sample : G3386-02MS
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : P001-BF001-01MS

Manual Integrations APPROVED
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8/25/2015 12:38:56 PM

Quant Time: Aug 24 23:39:18 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 24 13:58:19 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.54	152	66200	20.00	ng		0.00
21) Naphthalene-d8	7.83	136	269385	20.00	ng		0.00
38) Acenaphthene-d10	9.57	164	118126	20.00	ng		-0.01
63) Phenanthrene-d10	11.04	188	248822	20.00	ng		0.00
75) Chrysene-d12	13.66	240	211871	20.00	ng		0.00
86) Perylene-d12	14.99	264	155144	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.12	112	545087	123.85	ng		0.02
7) Phenol-d6	6.20	99	662003	115.28	ng		0.00
23) Nitrobenzene-d5	7.11	82	448786	76.10	ng		-0.01
41) 2,4,6-Tribromophenol	10.36	330	111076	108.48	ng		0.00
44) 2-Fluorobiphenyl	8.90	172	628837	69.75	ng		0.00
78) Terphenyl-d14	12.62	244	617166	62.45	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.00	88	66219	31.93	ng	#	93
3) Pyridine	2.61	79	145415	24.84	ng	#	81
4) n-Nitrosodimethylamine	2.56	42	112389	34.48	ng	#	78
6) Aniline	6.21	93	217148	26.01	ng	#	8
8) 2-Chlorophenol	6.32	128	180920	37.55	ng		91
9) Benzaldehyde	6.08	77	52473	14.17	ng		90
10) Phenol	6.21	94	219838	32.41	ng		95
11) bis(2-Chloroethyl)ether	6.29	93	185166	35.58	ng		87
12) 1,3-Dichlorobenzene	6.48	146	192401	37.17	ng		97
13) 1,4-Dichlorobenzene	6.56	146	195153	38.07	ng		99
14) 1,2-Dichlorobenzene	6.71	146	167196	34.85	ng		98
15) Benzyl Alcohol	6.70	79	170886	36.78	ng		97
16) 2,2'-oxybis(1-Chloropropan	6.84	45	375580	36.73	ng		98
17) 2-Methylphenol	6.82	107	172063	41.63	ng		94
18) Hexachloroethane	7.05	117	76588	36.98	ng		99
19) n-Nitroso-di-n-propylamine	6.97	70	144712	36.38	ng		91
20) 3+4-Methylphenols	6.97	107	200731	38.26	ng	#	66
22) Acetophenone	6.96	105	272759	38.57	ng	#	87
24) Nitrobenzene	7.13	77	221369	35.90	ng		97
25) Isophorone	7.37	82	398644	36.25	ng		98
26) 2-Nitrophenol	7.45	139	104430	40.73	ng	#	71
27) 2,4-Dimethylphenol	7.50	122	169945	37.46	ng		92
28) bis(2-Chloroethoxy)methane	7.60	93	261270	40.22	ng		99
29) 2,4-Dichlorophenol	7.69	162	143257	37.51	ng		89
30) 1,2,4-Trichlorobenzene	7.77	180	153482	36.16	ng		98
31) Naphthalene	7.85	128	570167	37.97	ng		99
32) Benzoic acid	7.64	122	82456	32.32	ng	#	79
33) 4-Chloroaniline	7.91	127	153549	24.23	ng	#	86
34) Hexachlorobutadiene	7.98	225	91063	37.94	ng		97
35) Caprolactam	8.29	113	59429m	44.52	ng		
36) 4-Chloro-3-methylphenol	8.40	107	168531	37.03	ng		99
37) 2-Methylnaphthalene	8.54	142	346702	36.55	ng		98
39) 1,2,4,5-Tetrachlorobenzene	8.71	216	149461	39.22	ng		99
40) Hexachlorocyclopentadiene	8.70	237	152502	77.31	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.82	196	108384	40.25	ng		98
43) 2,4,5-Trichlorophenol	8.87	196	108746	40.41	ng		95
45) 1,1'-Biphenyl	9.01	154	442294	42.51	ng		97
46) 2-Chloronaphthalene	9.02	162	310759	37.18	ng	#	91
47) 2-Nitroaniline	9.12	65	125038	36.55	ng		98
48) Acenaphthylene	9.43	152	494168	33.05	ng		98
49) Dimethylphthalate	9.32	163	502536	51.66	ng		99
50) 2,6-Dinitrotoluene	9.37	165	80172	38.38	ng	#	78
51) Acenaphthene	9.60	154	287881	32.16	ng		99
52) 3-Nitroaniline	9.53	138	66871	25.58	ng		98
53) 2,4-Dinitrophenol	9.65	184	83697	73.22	ng	#	74
54) Dibenzofuran	9.77	168	435045	36.27	ng		92
55) 4-Nitrophenol	9.72	139	135970	74.07	ng	#	81
56) 2,4-Dinitrotoluene	9.77	165	102870	37.16	ng	#	68
57) Fluorene	10.12	166	344581	37.34	ng		99
58) 2,3,4,6-Tetrachlorophenol	9.90	232	86095m	41.34	ng		
59) Diethylphthalate	10.01	149	394919	38.35	ng		98
60) 4-Chlorophenyl-phenylether	10.12	204	155256	39.76	ng		97
61) 4-Nitroaniline	10.15	138	100992	37.80	ng		92
62) Azobenzene	10.28	77	490684	41.35	ng		94
64) 4,6-Dinitro-2-methylphenol	10.17	198	55388	37.27	ng		91
65) n-Nitrosodiphenylamine	10.24	169	338990	38.17	ng		99
66) 4-Bromophenyl-phenylether	10.60	248	86626	35.44	ng	#	62
67) Hexachlorobenzene	10.66	284	92410	37.33	ng	#	83
68) Atrazine	10.77	200	95526	38.60	ng		98
69) Pentachlorophenol	10.86	266	111430	75.02	ng		99
70) Phenanthrene	11.07	178	476852	32.34	ng		100
71) Anthracene	11.12	178	560430	39.06	ng		98
72) Carbazole	11.28	167	538481	38.98	ng		97
73) Di-n-butylphthalate	11.63	149	666673	39.88	ng		99
74) Fluoranthene	12.24	202	585117	36.77	ng		95
76) Benzidine	12.37	184	156499	19.55	ng		99
77) Pyrene	12.47	202	590282	34.27	ng		99
79) Butylbenzylphthalate	13.10	149	262310	35.43	ng	#	63
80) Benzo(a)anthracene	13.65	228	481400	33.88	ng		99
81) 3,3'-Dichlorobenzidine	13.63	252	126122	27.40	ng	#	94
82) Chrysene	13.68	228	421201	32.89	ng		99
83) Bis(2-ethylhexyl)phthalate	13.67	149	374161	39.46	ng		99
84) Di-n-octyl phthalate	14.28	149	625378	43.39	ng		99
85) Indeno(1,2,3-cd)pyrene	16.16	276	319502	35.54	ng	#	94
87) Benzo(b)fluoranthene	14.64	252	497163m	45.30	ng		
88) Benzo(k)fluoranthene	14.67	252	301649m	29.50	ng		
89) Benzo(a)pyrene	14.94	252	364061	38.07	ng		98
90) Dibenzo(a,h)anthracene	16.17	278	260801	35.00	ng	#	92
91) Benzo(g,h,i)perylene	16.52	276	262002	34.66	ng	#	94

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

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