Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032116\
Data File : BF085635.D
Acq On : 21 Mar 2016 21:22
Operator : UM/SJ
Sample : H1841-09MS
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
BOTTOM(7)MS

Manual Integrations APPROVED
Sohil
3/22/2016 5:33:54 PM

Quant Time: Mar 22 02:15:43 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031816.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 18 23:31:39 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	128910	20.00	ng		-0.01
21) Naphthalene-d8	8.13	136	488437	20.00	ng		-0.01
38) Acenaphthene-d10	9.89	164	215111	20.00	ng		-0.01
63) Phenanthrene-d10	11.36	188	343187	20.00	ng		-0.02
75) Chrysene-d12	14.00	240	249377	20.00	ng		-0.01
86) Perylene-d12	15.42	264	241309	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.44	112	754071	98.25	ng		-0.01
7) Phenol-d6	6.48	99	950013	96.51	ng		-0.01
23) Nitrobenzene-d5	7.41	82	580995	69.05	ng		-0.02
41) 2,4,6-Tribromophenol	10.68	330	227029	107.74	ng		-0.01
44) 2-Fluorobiphenyl	9.20	172	936810	71.35	ng		-0.02
78) Terphenyl-d14	12.95	244	661571	63.84	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.45	88	69839	18.72	ng		94
3) Pyridine	3.18	79	209151	22.83	ng		99
4) n-Nitrosodimethylamine	3.11	42	116786	30.54	ng		99
6) Aniline	6.50	93	396152	29.97	ng		97
8) 2-Chlorophenol	6.63	128	317976	35.81	ng		98
9) Benzaldehyde	6.39	77	43705	6.71	ng		95
10) Phenol	6.49	94	395240	35.25	ng		93
11) bis(2-Chloroethyl)ether	6.58	93	300507	35.55	ng		97
12) 1,3-Dichlorobenzene	6.78	146	280176m	28.96	ng		
13) 1,4-Dichlorobenzene	6.86	146	296641	30.06	ng		98
14) 1,2-Dichlorobenzene	7.02	146	274126	31.28	ng		96
15) Benzyl Alcohol	6.98	79	240867	35.72	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.12	45	362591	32.62	ng		99
17) 2-Methylphenol	7.10	107	254136	34.53	ng		99
18) Hexachloroethane	7.35	117	102996	28.90	ng	#	79
19) n-Nitroso-di-n-propylamine	7.26	70	186897	31.79	ng		92
20) 3+4-Methylphenols	7.26	107	301358	35.35	ng		95
22) Acetophenone	7.26	105	394340	34.02	ng	#	97
24) Nitrobenzene	7.43	77	338104	36.71	ng		96
25) Isophorone	7.67	82	601471	35.70	ng		98
26) 2-Nitrophenol	7.75	139	170016	37.35	ng		94
27) 2,4-Dimethylphenol	7.78	122	269905	33.53	ng		99
28) bis(2-Chloroethoxy)methane	7.89	93	362579	37.84	ng		100
29) 2,4-Dichlorophenol	7.99	162	258305	38.86	ng		99
30) 1,2,4-Trichlorobenzene	8.07	180	249093	33.45	ng		98
31) Naphthalene	8.15	128	830226	33.68	ng		99
32) Benzoic acid	7.88	122	62957	9.35	ng		94
33) 4-Chloroaniline	8.21	127	310466	30.72	ng		96
34) Hexachlorobutadiene	8.28	225	130487	32.88	ng		98
35) Caprolactam	8.56	113	83592	36.55	ng		92
36) 4-Chloro-3-methylphenol	8.69	107	276282	35.59	ng		99
37) 2-Methylnaphthalene	8.85	142	584191	38.87	ng		99
39) 1,2,4,5-Tetrachlorobenzene	9.01	216	223902	34.31	ng		99
40) Hexachlorocyclopentadiene	9.00	237	99536	33.85	ng		100

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.12	196	171289	38.35	ng		99
43) 2,4,5-Trichlorophenol	9.17	196	179398	39.46	ng	#	94
45) 1,1'-Biphenyl	9.30	154	625647	33.72	ng		99
46) 2-Chloronaphthalene	9.33	162	468781	34.58	ng	#	91
47) 2-Nitroaniline	9.43	65	170088	41.48	ng		88
48) Acenaphthylene	9.75	152	789152	35.97	ng		99
49) Dimethylphthalate	9.61	163	868944	53.53	ng		99
50) 2,6-Dinitrotoluene	9.67	165	126607	36.94	ng		94
51) Acenaphthene	9.92	154	494269	35.91	ng		98
52) 3-Nitroaniline	9.84	138	145076	33.80	ng		85
53) 2,4-Dinitrophenol	9.94	184	44417	21.16	ng		97
54) Dibenzofuran	10.09	168	684736	40.85	ng		95
55) 4-Nitrophenol	10.00	139	171665	51.75	ng		92
56) 2,4-Dinitrotoluene	10.07	165	155394	34.63	ng	#	55
57) Fluorene	10.44	166	501068	35.86	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.21	232	127932	39.09	ng		98
59) Diethylphthalate	10.31	149	632365	39.18	ng		98
60) 4-Chlorophenyl-phenylether	10.42	204	258953	37.96	ng		92
61) 4-Nitroaniline	10.45	138	117215	27.71	ng		88
62) Azobenzene	10.58	77	626417	40.45	ng		94
64) 4,6-Dinitro-2-methylphenol	10.48	198	48948	22.29	ng	#	77
65) n-Nitrosodiphenylamine	10.54	169	425190	39.77	ng		99
66) 4-Bromophenyl-phenylether	10.92	248	146383	42.70	ng	#	86
67) Hexachlorobenzene	10.98	284	144010	39.54	ng	#	83
68) Atrazine	11.06	200	141884	43.59	ng		96
69) Pentachlorophenol	11.18	266	140512	63.54	ng		99
70) Phenanthrene	11.38	178	669914	37.02	ng		99
71) Anthracene	11.44	178	704859	37.15	ng		99
72) Carbazole	11.60	167	599908	36.65	ng		97
73) Di-n-butylphthalate	11.93	149	804970	39.27	ng		98
74) Fluoranthene	12.57	202	605797	31.97	ng		95
76) Benzidine	12.70	184	431959	51.51	ng		98
77) Pyrene	12.80	202	600188	33.52	ng		99
79) Butylbenzylphthalate	13.42	149	281576	32.99	ng	#	76
80) Benzo(a)anthracene	13.99	228	540860	37.36	ng		99
81) 3,3'-Dichlorobenzidine	13.96	252	157513	29.69	ng	#	96
82) Chrysene	14.03	228	437807	31.43	ng		99
83) Bis(2-ethylhexyl)phthalate	13.98	149	365662	34.48	ng	#	98
84) Di-n-octyl phthalate	14.60	149	639145	36.99	ng		98
85) Indeno(1,2,3-cd)pyrene	16.81	276	527725	45.34	ng		99
87) Benzo(b)fluoranthene	15.02	252	560266m	35.58	ng		
88) Benzo(k)fluoranthene	15.04	252	451276m	34.79	ng		
89) Benzo(a)pyrene	15.36	252	496065	37.16	ng		98
90) Dibenzo(a,h)anthracene	16.83	278	452702	40.66	ng		97
91) Benzo(g,h,i)perylene	17.24	276	417110	38.71	ng		96

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

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