Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF061615\
Data File : BF080008.D
Acq On : 17 Jun 2015 2:35
Operator : TP/IZ
Sample : G2474-02MSD
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : C-2MSD

Manual Integrations APPROVED
apatel
6/17/2015 5:12:45 PM

Quant Time: Jun 17 05:35:48 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF061115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 15 15:44:31 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.35	152	50866	20.00	ng		0.00
21) Naphthalene-d8	8.64	136	203953	20.00	ng		0.00
38) Acenaphthene-d10	10.41	164	102205	20.00	ng		0.00
63) Phenanthrene-d10	11.92	188	196867	20.00	ng		0.00
75) Chrysene-d12	14.81	240	219864	20.00	ng		-0.09
86) Perylene-d12	16.67	264	212778	20.00	ng		-0.14
System Monitoring Compounds							
5) 2-Fluorophenol	5.96	112	60965	21.98	ng		0.00
7) Phenol-d6	6.95	99	57027	15.09	ng		0.00
23) Nitrobenzene-d5	7.91	82	242102	78.32	ng		0.00
41) 2,4,6-Tribromophenol	11.21	330	38994	39.99	ng		0.00
44) 2-Fluorobiphenyl	9.72	172	481537	65.97	ng		0.00
78) Terphenyl-d14	13.58	244	551488	57.83	ng		-0.05
Target Compounds							Qvalue
2) 1,4-Dioxane	3.27	88	16778	13.29	ng	#	90
3) Pyridine	4.12	79	25826m	7.99	ng		
4) n-Nitrosodimethylamine	3.98	42	26185	16.43	ng	#	71
6) Aniline	7.01	93	73610	13.46	ng		100
8) 2-Chlorophenol	7.13	128	40578	12.04	ng		99
9) Benzaldehyde	6.89	77	75786	34.89	ng		98
10) Phenol	6.96	94	26955	6.48	ng		97
11) bis(2-Chloroethyl)ether	7.06	93	108437	32.42	ng		97
12) 1,3-Dichlorobenzene	7.29	146	107377	27.30	ng		97
13) 1,4-Dichlorobenzene	7.37	146	111253	27.23	ng		97
14) 1,2-Dichlorobenzene	7.52	146	100310	27.64	ng		97
15) Benzyl Alcohol	7.48	79	68854	22.72	ng		97
16) 2,2'-oxybis(1-Chloropropan	7.61	45	148914	30.06	ng		99
17) 2-Methylphenol	7.58	107	30263	10.27	ng		97
18) Hexachloroethane	7.88	117	35770	28.28	ng		98
19) n-Nitroso-di-n-propylamine	7.74	70	80483	29.80	ng		96
20) 3+4-Methylphenols	7.73	107	34899	9.27	ng		96
22) Acetophenone	7.75	105	162593	33.76	ng	#	98
24) Nitrobenzene	7.92	77	112797	34.30	ng		96
25) Isophorone	8.16	82	224779	31.25	ng		98
26) 2-Nitrophenol	8.25	139	16689	16.42	ng	#	92
27) 2,4-Dimethylphenol	8.26	122	55426	17.19	ng		95
28) bis(2-Chloroethoxy)methane	8.37	93	140120	32.80	ng		100
29) 2,4-Dichlorophenol	8.48	162	34465	12.76	ng		97
30) 1,2,4-Trichlorobenzene	8.58	180	91167	26.57	ng		99
31) Naphthalene	8.66	128	326301	29.27	ng		100
32) Benzoic acid	8.30	122	4794m	11.67	ng		
33) 4-Chloroaniline	8.70	127	136337	31.51	ng		99
34) Hexachlorobutadiene	8.78	225	51541	27.05	ng		95
35) Caprolactam	9.02	113	4985	5.84	ng	#	79
36) 4-Chloro-3-methylphenol	9.17	107	40202	13.03	ng		97
37) 2-Methylnaphthalene	9.36	142	215480	28.61	ng		99
39) 1,2,4,5-Tetrachlorobenzene	9.53	216	94051	27.48	ng		97
40) Hexachlorocyclopentadiene	9.52	237	87291	63.50	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.64	196	24419	11.58	ng		93
43) 2,4,5-Trichlorophenol	9.67	196	28574	12.27	ng		96
45) 1,1'-Biphenyl	9.82	154	255565	30.90	ng		97
46) 2-Chloronaphthalene	9.85	162	209997	29.82	ng		98
47) 2-Nitroaniline	9.93	65	59565	40.15	ng		93
48) Acenaphthylene	10.28	152	344987	29.02	ng		99
49) Dimethylphthalate	10.10	163	295086	36.04	ng		100
50) 2,6-Dinitrotoluene	10.17	165	52107	35.66	ng		90
51) Acenaphthene	10.45	154	207766	30.75	ng		99
52) 3-Nitroaniline	10.34	138	49051	28.23	ng		88
53) 2,4-Dinitrophenol	10.45	184	9444	46.51	ng	#	69
54) Dibenzofuran	10.62	168	310404	31.44	ng		99
55) 4-Nitrophenol	10.48	139	13235	12.36	ng		97
56) 2,4-Dinitrotoluene	10.58	165	57790	31.03	ng		90
57) Fluorene	10.96	166	230157	26.75	ng		98
58) 2,3,4,6-Tetrachlorophenol	10.73	232	25135	14.24	ng		99
59) Diethylphthalate	10.81	149	417673	51.01	ng		98
60) 4-Chlorophenyl-phenylether	10.95	204	118186	30.76	ng		93
61) 4-Nitroaniline	10.96	138	49595	27.42	ng		88
62) Azobenzene	11.11	77	260671	33.09	ng		94
64) 4,6-Dinitro-2-methylphenol	11.00	198	7715	24.31	ng		98
65) n-Nitrosodiphenylamine	11.06	169	181115	28.50	ng		98
66) 4-Bromophenyl-phenylether	11.45	248	66160	29.99	ng	#	88
67) Hexachlorobenzene	11.52	284	69923	29.05	ng	#	71
68) Atrazine	11.58	200	62082	31.74	ng		94
69) Pentachlorophenol	11.72	266	27229	29.58	ng		99
70) Phenanthrene	11.94	178	377955	32.21	ng		99
71) Anthracene	11.99	178	368972	32.50	ng		99
72) Carbazole	12.14	167	334385	30.37	ng		97
73) Di-n-butylphthalate	12.47	149	374433	31.21	ng		100
74) Fluoranthene	13.18	202	386249	29.78	ng		97
76) Benzidine	13.29	184	18766	3.08	ng		99
77) Pyrene	13.43	202	399570	28.94	ng		100
79) Butylbenzylphthalate	14.10	149	163858	35.14	ng	#	83
80) Benzo(a)anthracene	14.80	228	393784	28.21	ng		98
81) 3,3'-Dichlorobenzidine	14.75	252	91630	20.53	ng	#	96
82) Chrysene	14.85	228	369608	29.52	ng		99
83) Bis(2-ethylhexyl)phthalate	14.77	149	248421	33.29	ng	#	93
84) Di-n-octyl phthalate	15.56	149	409618	33.65	ng		99
85) Indeno(1,2,3-cd)pyrene	18.53	276	431237	29.49	ng		98
87) Benzo(b)fluoranthene	16.12	252	384238m	29.47	ng		
88) Benzo(k)fluoranthene	16.16	252	388128m	29.19	ng		
89) Benzo(a)pyrene	16.59	252	381430	30.76	ng	#	97
90) Dibenzo(a,h)anthracene	18.55	278	361661	29.67	ng		98
91) Benzo(g,h,i)perylene	19.09	276	368728	29.24	ng		94

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

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