Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF082415\
Data File : BF081179.D
Acq On : 24 Aug 2015 20:32
Operator : UM/IZ
Sample : G3386-03MSD
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
P001-BF001-01MSD

Manual Integrations APPROVED
MMDadoda
8/25/2015 12:39:01 PM

Quant Time: Aug 24 23:41:22 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	67227	20.00	ng		0.00
21) Naphthalene-d8	7.83	136	267250	20.00	ng		0.00
38) Acenaphthene-d10	9.57	164	114050	20.00	ng		-0.01
63) Phenanthrene-d10	11.04	188	237563	20.00	ng		0.00
75) Chrysene-d12	13.66	240	205453	20.00	ng		0.00
86) Perylene-d12	14.99	264	139172	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.12	112	575275	128.71	ng		0.02
7) Phenol-d6	6.20	99	790032	135.47	ng		0.00
23) Nitrobenzene-d5	7.12	82	501974	85.80	ng		0.00
41) 2,4,6-Tribromophenol	10.36	330	118629	119.99	ng		0.00
44) 2-Fluorobiphenyl	8.90	172	716193	82.28	ng		0.00
78) Terphenyl-d14	12.62	244	696555	72.68	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.00	88	75520	35.86	ng	#	92
3) Pyridine	2.61	79	188374	31.69	ng	#	80
4) n-Nitrosodimethylamine	2.57	42	131076	39.60	ng	#	73
6) Aniline	6.21	93	228629	26.96	ng	#	32
8) 2-Chlorophenol	6.33	128	201432	41.17	ng	#	80
9) Benzaldehyde	6.08	77	57873	15.39	ng		95
10) Phenol	6.22	94	247781	35.98	ng	#	70
11) bis(2-Chloroethyl)ether	6.30	93	223284	42.25	ng		94
12) 1,3-Dichlorobenzene	6.48	146	205427	39.08	ng		95
13) 1,4-Dichlorobenzene	6.56	146	214674	41.24	ng		97
14) 1,2-Dichlorobenzene	6.71	146	174664	35.85	ng		98
15) Benzyl Alcohol	6.70	79	182528	38.68	ng		97
16) 2,2'-oxybis(1-Chloropropan	6.84	45	415990	40.06	ng		98
17) 2-Methylphenol	6.82	107	182981	43.59	ng		95
18) Hexachloroethane	7.05	117	79812	37.95	ng		96
19) n-Nitroso-di-n-propylamine	6.97	70	167170	41.38	ng		91
20) 3+4-Methylphenols	6.98	107	226736	42.56	ng	#	42
22) Acetophenone	6.96	105	311160	44.35	ng	#	87
24) Nitrobenzene	7.13	77	221569	36.22	ng		97
25) Isophorone	7.38	82	440428	40.37	ng		95
26) 2-Nitrophenol	7.45	139	114662	45.07	ng	#	76
27) 2,4-Dimethylphenol	7.51	122	187540	41.67	ng		88
28) bis(2-Chloroethoxy)methane	7.60	93	290447	45.06	ng		99
29) 2,4-Dichlorophenol	7.69	162	154985	40.91	ng		88
30) 1,2,4-Trichlorobenzene	7.77	180	158980	37.75	ng		99
31) Naphthalene	7.85	128	620724	41.67	ng		99
32) Benzoic acid	7.64	122	76853	30.36	ng	#	81
33) 4-Chloroaniline	7.91	127	152530	24.27	ng	#	87
34) Hexachlorobutadiene	7.98	225	100130	42.05	ng		97
35) Caprolactam	8.29	113	61926m	46.76	ng		
36) 4-Chloro-3-methylphenol	8.40	107	187176	41.45	ng		98
37) 2-Methylnaphthalene	8.54	142	364268	38.71	ng		99
39) 1,2,4,5-Tetrachlorobenzene	8.71	216	164437	44.69	ng		97
40) Hexachlorocyclopentadiene	8.70	237	167242	87.81	ng		99

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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081715.M
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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.82	196	115751	44.53	ng		96
43) 2,4,5-Trichlorophenol	8.87	196	117256	45.13	ng		98
45) 1,1'-Biphenyl	9.01	154	481892	47.97	ng		97
46) 2-Chloronaphthalene	9.03	162	337030	41.76	ng		99
47) 2-Nitroaniline	9.12	65	146746	44.43	ng		99
48) Acenaphthylene	9.43	152	544578	37.72	ng		98
49) Dimethylphthalate	9.32	163	477635	50.85	ng		99
50) 2,6-Dinitrotoluene	9.37	165	81411	40.37	ng	#	68
51) Acenaphthene	9.60	154	322301	37.29	ng		99
52) 3-Nitroaniline	9.53	138	69395	27.50	ng		97
53) 2,4-Dinitrophenol	9.65	184	83257	75.02	ng	#	75
54) Dibenzofuran	9.77	168	461223	39.82	ng		91
55) 4-Nitrophenol	9.72	139	135290	76.33	ng	#	79
56) 2,4-Dinitrotoluene	9.77	165	104925	39.26	ng	#	59
57) Fluorene	10.12	166	353359	39.66	ng		99
58) 2,3,4,6-Tetrachlorophenol	9.90	232	89838m	44.68	ng		
59) Diethylphthalate	10.01	149	406556	40.89	ng		98
60) 4-Chlorophenyl-phenylether	10.12	204	165188	43.81	ng		99
61) 4-Nitroaniline	10.15	138	102428	39.71	ng		93
62) Azobenzene	10.28	77	536560	46.84	ng		96
64) 4,6-Dinitro-2-methylphenol	10.18	198	61283	43.20	ng	#	42
65) n-Nitrosodiphenylamine	10.24	169	362152	42.71	ng		99
66) 4-Bromophenyl-phenylether	10.60	248	92597	39.68	ng	#	59
67) Hexachlorobenzene	10.66	284	104326	44.14	ng	#	85
68) Atrazine	10.77	200	105708	44.74	ng		98
69) Pentachlorophenol	10.86	266	120719	85.13	ng		99
70) Phenanthrene	11.06	178	502637	35.70	ng		99
71) Anthracene	11.12	178	603811	44.07	ng		99
72) Carbazole	11.28	167	591893	44.87	ng		98
73) Di-n-butylphthalate	11.62	149	697797	43.72	ng		99
74) Fluoranthene	12.24	202	602751	39.67	ng		94
76) Benzidine	12.37	184	145588	18.76	ng		98
77) Pyrene	12.47	202	661446	39.60	ng		99
79) Butylbenzylphthalate	13.11	149	301673	42.02	ng		98
80) Benzo(a)anthracene	13.65	228	545152	39.57	ng		99
81) 3,3'-Dichlorobenzidine	13.63	252	131081	29.37	ng	#	95
82) Chrysene	13.68	228	411412	33.13	ng		99
83) Bis(2-ethylhexyl)phthalate	13.67	149	419261	45.59	ng	#	99
84) Di-n-octyl phthalate	14.28	149	684923	49.00	ng		98
85) Indeno(1,2,3-cd)pyrene	16.16	276	338650	38.84	ng	#	94
87) Benzo(b)fluoranthene	14.64	252	494497m	50.23	ng		
88) Benzo(k)fluoranthene	14.67	252	324517m	35.38	ng		
89) Benzo(a)pyrene	14.94	252	379091	44.20	ng		98
90) Dibenzo(a,h)anthracene	16.17	278	289028	43.24	ng	#	94
91) Benzo(g,h,i)perylene	16.52	276	283023	41.74	ng	#	89

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

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