Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF061215\
Data File : BF079950.D
Acq On : 12 Jun 2015 22:33
Operator : TP/IZ
Sample : G2627-02MS
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-41MS

Manual Integrations APPROVED
apatel
6/15/2015 12:44:18 PM

Quant Time: Jun 13 01:26:14 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF061115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 12 22:57:49 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.38	152	40503	20.00	ng		0.00
21) Naphthalene-d8	8.67	136	160674	20.00	ng		0.00
38) Acenaphthene-d10	10.44	164	85671	20.00	ng		0.00
63) Phenanthrene-d10	11.94	188	182595	20.00	ng		-0.03
75) Chrysene-d12	14.79	240	202166m	20.00	ng		-0.35
86) Perylene-d12	16.62	264	198214m	20.00	ng		-0.48
System Monitoring Compounds							
5) 2-Fluorophenol	5.99	112	162808	73.71	ng		0.00
7) Phenol-d6	6.97	99	145492	48.35	ng		0.00
23) Nitrobenzene-d5	7.93	82	244128	100.25	ng		0.00
41) 2,4,6-Tribromophenol	11.23	330	121537	140.60	ng		-0.01
44) 2-Fluorobiphenyl	9.75	172	584597	95.55	ng		0.00
78) Terphenyl-d14	13.59	244	704378m	80.33	ng		-0.18
Target Compounds							Qvalue
2) 1,4-Dioxane	3.31	88	16437	16.36	ng	#	86
3) Pyridine	4.12	79	45513	17.67	ng		95
4) n-Nitrosodimethylamine	4.02	42	22488	17.72	ng		98
6) Aniline	7.03	93	119025	27.33	ng		93
8) 2-Chlorophenol	7.15	128	96795	36.06	ng		83
9) Benzaldehyde	6.92	77	90874	52.53	ng		83
10) Phenol	6.98	94	50039	15.12	ng		89
11) bis(2-Chloroethyl)ether	7.10	93	106767	40.09	ng		88
12) 1,3-Dichlorobenzene	7.32	146	119456m	38.14	ng		
13) 1,4-Dichlorobenzene	7.39	146	129001	39.66	ng		94
14) 1,2-Dichlorobenzene	7.55	146	125995	43.61	ng		94
15) Benzyl Alcohol	7.50	79	78870	32.69	ng		92
16) 2,2'-oxybis(1-Chloropropan	7.64	45	187040	47.42	ng		96
17) 2-Methylphenol	7.60	107	69485	29.63	ng		96
18) Hexachloroethane	7.90	117	37512	37.24	ng	#	82
19) n-Nitroso-di-n-propylamine	7.77	70	91755	42.67	ng	#	89
20) 3+4-Methylphenols	7.76	107	90212	30.10	ng		96
22) Acetophenone	7.77	105	173057	45.61	ng	#	91
24) Nitrobenzene	7.95	77	129893	50.14	ng	#	83
25) Isophorone	8.18	82	243959	43.05	ng	#	93
26) 2-Nitrophenol	8.27	139	46672	51.06	ng	#	86
27) 2,4-Dimethylphenol	8.30	122	108735	42.81	ng		97
28) bis(2-Chloroethoxy)methane	8.39	93	160650	47.74	ng		99
29) 2,4-Dichlorophenol	8.51	162	112752	53.01	ng		89
30) 1,2,4-Trichlorobenzene	8.60	180	112714	41.69	ng		96
31) Naphthalene	8.70	128	359954	40.98	ng		99
32) Benzoic acid	8.33	122	13159m	19.45	ng		
33) 4-Chloroaniline	8.73	127	158731	46.56	ng	#	91
34) Hexachlorobutadiene	8.81	225	67107	44.71	ng		98
35) Caprolactam	9.06	113	6507	9.67	ng		96
36) 4-Chloro-3-methylphenol	9.19	107	104112	42.84	ng		91
37) 2-Methylnaphthalene	9.38	142	265270	44.71	ng		98
39) 1,2,4,5-Tetrachlorobenzene	9.55	216	130075	45.33	ng		98
40) Hexachlorocyclopentadiene	9.54	237	104544	81.29	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.66	196	87348	49.41	ng		99
43) 2,4,5-Trichlorophenol	9.69	196	86808	44.48	ng	#	93
45) 1,1'-Biphenyl	9.85	154	347243	50.08	ng		93
46) 2-Chloronaphthalene	9.88	162	253498	42.94	ng	#	91
47) 2-Nitroaniline	9.96	65	60756	47.92	ng	#	56
48) Acenaphthylene	10.30	152	436168	43.77	ng		98
49) Dimethylphthalate	10.14	163	342443	49.89	ng		97
50) 2,6-Dinitrotoluene	10.19	165	56759	45.43	ng	#	71
51) Acenaphthene	10.48	154	270587	47.78	ng		93
52) 3-Nitroaniline	10.38	138	52987	35.55	ng	#	71
53) 2,4-Dinitrophenol	10.48	184	32676	102.33	ng	#	1
54) Dibenzofuran	10.65	168	407537	49.25	ng		91
55) 4-Nitrophenol	10.51	139	43098	40.64	ng	#	69
56) 2,4-Dinitrotoluene	10.60	165	80511	48.39	ng	#	69
57) Fluorene	10.99	166	339477	47.07	ng		100
58) 2,3,4,6-Tetrachlorophenol	10.76	232	75526	51.06	ng		96
59) Diethylphthalate	10.84	149	322403	46.98	ng		94
60) 4-Chlorophenyl-phenylether	10.98	204	157677	48.95	ng	#	81
61) 4-Nitroaniline	10.98	138	62316	39.55	ng		88
62) Azobenzene	11.14	77	301874	45.72	ng		81
64) 4,6-Dinitro-2-methylphenol	11.02	198	21209	50.58	ng	#	51
65) n-Nitrosodiphenylamine	11.08	169	273404	46.38	ng		99
66) 4-Bromophenyl-phenylether	11.47	248	101643	49.67	ng	#	89
67) Hexachlorobenzene	11.55	284	104493	46.81	ng	#	89
68) Atrazine	11.61	200	98001	54.02	ng		97
69) Pentachlorophenol	11.75	266	99075	93.24	ng		100
70) Phenanthrene	11.97	178	507543	46.64	ng		99
71) Anthracene	12.02	178	544372	51.69	ng		100
72) Carbazole	12.17	167	498302	48.79	ng		99
73) Di-n-butylphthalate	12.49	149	580896	52.21	ng		100
74) Fluoranthene	13.20	202	590780	49.11	ng		99
76) Benzidine	13.31	184	68170	12.18	ng		99
77) Pyrene	13.45	202	596898	47.01	ng		99
79) Butylbenzylphthalate	14.10	149	243293m	56.74	ng		
80) Benzo(a)anthracene	14.78	228	576686m	44.92	ng		
81) 3,3'-Dichlorobenzidine	14.72	252	139773m	34.05	ng		
82) Chrysene	14.82	228	555937m	49.09	ng		
83) Bis(2-ethylhexyl)phthalate	14.74	149	400848m	58.41	ng		
84) Di-n-octyl phthalate	15.50	149	642664m	57.42	ng		
85) Indeno(1,2,3-cd)pyrene	18.50	276	651168m	48.43	ng		
87) Benzo(b)fluoranthene	16.08	252	640485m	52.74	ng		
88) Benzo(k)fluoranthene	16.11	252	531321m	42.90	ng		
89) Benzo(a)pyrene	16.55	252	569914m	49.34	ng		
90) Dibenzo(a,h)anthracene	18.53	278	550648m	48.50	ng		
91) Benzo(g,h,i)perylene	19.07	276	568494m	48.39	ng		

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

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