Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF072215\
Data File : BF080583.D
Acq On : 23 Jul 2015 5:27
Operator : TP/UM
Sample : G3045-03MSD
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-2MSD

Manual Integrations APPROVED
apatel
7/23/2015 11:51:41 AM

Quant Time: Jul 23 06:57:07 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072215.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 23 05:13:42 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.96	152	45105	20.00	ng		0.00
21) Naphthalene-d8	8.25	136	170844	20.00	ng		0.00
38) Acenaphthene-d10	10.01	164	75949	20.00	ng		0.00
63) Phenanthrene-d10	11.49	188	124972	20.00	ng		0.00
75) Chrysene-d12	14.26	240	84679	20.00	ng		-0.06
86) Perylene-d12	15.91	264	63328	20.00	ng		-0.11
System Monitoring Compounds							
5) 2-Fluorophenol	5.53	112	131989	51.89	ng		0.00
7) Phenol-d6	6.57	99	101825	32.51	ng		0.00
23) Nitrobenzene-d5	7.52	82	247015	93.13	ng		0.00
41) 2,4,6-Tribromophenol	10.80	330	75322	132.52	ng		0.00
44) 2-Fluorobiphenyl	9.32	172	395125	74.81	ng		0.00
78) Terphenyl-d14	13.11	244	332062	80.41	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	2.51	88	15773	11.93	ng	#	100
3) Pyridine	3.32	79	32236	10.50	ng		99
4) n-Nitrosodimethylamine	3.21	42	27675	14.27	ng		93
6) Aniline	6.61	93	78260	16.67	ng		97
8) 2-Chlorophenol	6.74	128	85358	32.05	ng		98
9) Benzaldehyde	6.50	77	36279	15.39	ng		89
10) Phenol	6.58	94	44620	11.98	ng		96
11) bis(2-Chloroethyl)ether	6.68	93	111599	41.71	ng		94
12) 1,3-Dichlorobenzene	6.90	146	103154	29.94	ng		98
13) 1,4-Dichlorobenzene	6.98	146	96116	29.28	ng		97
14) 1,2-Dichlorobenzene	7.13	146	103798	32.79	ng		99
15) Benzyl Alcohol	7.09	79	70978	27.37	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.24	45	217424	38.80	ng		98
17) 2-Methylphenol	7.20	107	58225	25.63	ng		95
18) Hexachloroethane	7.48	117	31432	27.16	ng		90
19) n-Nitroso-di-n-propylamine	7.37	70	85443	42.47	ng		96
20) 3+4-Methylphenols	7.36	107	71322	24.89	ng	#	76
22) Acetophenone	7.37	105	163384	40.05	ng		98
24) Nitrobenzene	7.54	77	130874	41.00	ng		99
25) Isophorone	7.78	82	232826	41.56	ng		98
26) 2-Nitrophenol	7.86	139	43660	53.25	ng		97
27) 2,4-Dimethylphenol	7.89	122	87861	37.04	ng		97
28) bis(2-Chloroethoxy)methane	8.00	93	127712	42.50	ng		99
29) 2,4-Dichlorophenol	8.10	162	80402	42.41	ng		98
30) 1,2,4-Trichlorobenzene	8.19	180	88285	33.31	ng		97
31) Naphthalene	8.27	128	301399m	35.53	ng		
32) Benzoic acid	7.93	122	12281m	23.46	ng		
33) 4-Chloroaniline	8.32	127	74872	22.93	ng		96
34) Hexachlorobutadiene	8.40	225	45842	29.61	ng		96
35) Caprolactam	8.65	113	3359	6.28	ng	#	69
36) 4-Chloro-3-methylphenol	8.78	107	85049	36.28	ng		96
37) 2-Methylnaphthalene	8.96	142	180743	38.04	ng		97
39) 1,2,4,5-Tetrachlorobenzene	9.13	216	95709	36.76	ng		98
40) Hexachlorocyclopentadiene	9.12	237	98182	87.52	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.23	196	55634	43.14	ng		99
43) 2,4,5-Trichlorophenol	9.26	196	60802	45.12	ng		95
45) 1,1'-Biphenyl	9.42	154	257586	40.46	ng		98
46) 2-Chloronaphthalene	9.45	162	193099	38.40	ng		99
47) 2-Nitroaniline	9.54	65	62420	51.52	ng		99
48) Acenaphthylene	9.87	152	303662	41.15	ng		98
49) Dimethylphthalate	9.72	163	251884	47.23	ng		99
50) 2,6-Dinitrotoluene	9.78	165	43849	48.97	ng		94
51) Acenaphthene	10.04	154	193216	44.57	ng		99
52) 3-Nitroaniline	9.95	138	27944	33.91	ng	#	96
53) 2,4-Dinitrophenol	10.05	184	24567	103.38	ng	#	73
54) Dibenzofuran	10.21	168	274625	43.12	ng		97
55) 4-Nitrophenol	10.09	139	21270	32.82	ng		92
56) 2,4-Dinitrotoluene	10.18	165	53288	51.85	ng	#	96
57) Fluorene	10.56	166	211959	41.65	ng		96
58) 2,3,4,6-Tetrachlorophenol	10.33	232	45834	42.02	ng		98
59) Diethylphthalate	10.42	149	210199	42.71	ng		99
60) 4-Chlorophenyl-phenylether	10.54	204	93297	42.51	ng		97
61) 4-Nitroaniline	10.56	138	36614	38.31	ng		92
62) Azobenzene	10.70	77	234927	43.34	ng		100
64) 4,6-Dinitro-2-methylphenol	10.59	198	16721	62.07	ng		88
65) n-Nitrosodiphenylamine	10.66	169	174128	42.26	ng		99
66) 4-Bromophenyl-phenylether	11.04	248	55548	46.18	ng		99
67) Hexachlorobenzene	11.10	284	61665	45.14	ng		99
68) Atrazine	11.18	200	49752	45.01	ng		98
69) Pentachlorophenol	11.29	266	58746	108.30	ng		94
70) Phenanthrene	11.52	178	286976	40.46	ng		99
71) Anthracene	11.57	178	285398	43.47	ng		99
72) Carbazole	11.72	167	259143	43.58	ng		99
73) Di-n-butylphthalate	12.06	149	298078	42.99	ng		100
74) Fluoranthene	12.72	202	272382	42.44	ng		97
76) Benzidine	12.84	184	24861	9.87	ng		97
77) Pyrene	12.96	202	275657	47.82	ng		99
79) Butylbenzylphthalate	13.62	149	102594	53.83	ng	#	71
80) Benzo(a)anthracene	14.25	228	213576	44.38	ng		98
81) 3,3'-Dichlorobenzidine	14.21	252	53801	37.16	ng		98
82) Chrysene	14.29	228	205682	42.77	ng		100
83) Bis(2-ethylhexyl)phthalate	14.26	149	148705	47.80	ng	#	98
84) Di-n-octyl phthalate	15.00	149	208171	51.52	ng		96
85) Indeno(1,2,3-cd)pyrene	17.43	276	242429	70.95	ng		98
87) Benzo(b)fluoranthene	15.46	252	181476	45.58	ng	#	96
88) Benzo(k)fluoranthene	15.49	252	148021m	37.55	ng		
89) Benzo(a)pyrene	15.85	252	156272	45.29	ng	#	91
90) Dibenzo(a,h)anthracene	17.46	278	196302	66.65	ng		97
91) Benzo(g,h,i)perylene	17.88	276	243103	81.17	ng		95

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

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