Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF090215\
Data File : BF081367.D
Acq On : 3 Sep 2015 00:52
Operator : UM/IZ
Sample : G3474-05MSD
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-04MSD

Manual Integrations APPROVED
MMDadoda
9/3/2015 1:45:10 PM

Quant Time: Sep 03 10:57:32 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF090115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 01 17:35:35 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.39	152	79871	20.00	ng		0.00
21) Naphthalene-d8	7.68	136	301106	20.00	ng		0.00
38) Acenaphthene-d10	9.43	164	142001	20.00	ng		0.01
63) Phenanthrene-d10	10.89	188	237712	20.00	ng		0.01
75) Chrysene-d12	13.51	240	173315	20.00	ng		0.01
86) Perylene-d12	14.81	264	118402	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	4.95	112	279850	54.36	ng		0.02
7) Phenol-d6	6.07	99	249597	36.63	ng		0.01
23) Nitrobenzene-d5	6.97	82	557331	89.30	ng		0.00
41) 2,4,6-Tribromophenol	10.22	330	131355	103.89	ng		0.01
44) 2-Fluorobiphenyl	8.76	172	791221	71.40	ng		0.00
78) Terphenyl-d14	12.48	244	683363	91.78	ng		0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	1.77	88	32172	13.92	ng	#	84
3) Pyridine	2.35	79	65682	10.30	ng	#	86
4) n-Nitrosodimethylamine	2.28	42	62837	17.74	ng	#	72
6) Aniline	6.09	93	50029m	5.20	ng		
8) 2-Chlorophenol	6.18	128	182165	32.11	ng		87
9) Benzaldehyde	5.93	77	9782	2.29	ng	#	84
10) Phenol	6.08	94	96119	12.16	ng	#	51
11) bis(2-Chloroethyl)ether	6.15	93	270420m	47.43	ng		
12) 1,3-Dichlorobenzene	6.33	146	223091	36.81	ng	#	97
13) 1,4-Dichlorobenzene	6.41	146	236803	38.37	ng	#	93
14) 1,2-Dichlorobenzene	6.56	146	200815m	36.14	ng		
15) Benzyl Alcohol	6.56	79	139672	24.99	ng	#	71
16) 2,2'-oxybis(1-Chloropropan	6.70	45	447975	40.99	ng		56
17) 2-Methylphenol	6.70	107	122658	27.10	ng	#	61
18) Hexachloroethane	6.90	117	94858	39.51	ng	#	88
19) n-Nitroso-di-n-propylamine	6.84	70	191417	41.27	ng	#	85
20) 3+4-Methylphenols	6.86	107	161369	26.44	ng		85
22) Acetophenone	6.82	105	338243	41.13	ng	#	77
24) Nitrobenzene	6.99	77	270692	41.77	ng	#	63
25) Isophorone	7.24	82	489711	42.19	ng	#	88
26) 2-Nitrophenol	7.31	139	114800	40.64	ng	#	69
27) 2,4-Dimethylphenol	7.38	122	186512	38.23	ng	#	81
28) bis(2-Chloroethoxy)methane	7.46	93	269335	40.17	ng	#	92
29) 2,4-Dichlorophenol	7.56	162	171872	40.62	ng		95
30) 1,2,4-Trichlorobenzene	7.63	180	197377	42.94	ng		99
31) Naphthalene	7.70	128	579759	36.10	ng		97
32) Benzoic acid	7.52	122	42210	14.02	ng	#	64
33) 4-Chloroaniline	7.78	127	51217	7.82	ng	#	88
34) Hexachlorobutadiene	7.83	225	113503	40.58	ng		98
35) Caprolactam	8.23	113	9640	7.43	ng	#	31
36) 4-Chloro-3-methylphenol	8.28	107	182859	38.61	ng	#	79
37) 2-Methylnaphthalene	8.40	142	432389	41.38	ng	#	90
39) 1,2,4,5-Tetrachlorobenzene	8.56	216	168398	37.50	ng	#	97
40) Hexachlorocyclopentadiene	8.55	237	88751	40.27	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.68	196	108450	34.99	ng		100
43) 2,4,5-Trichlorophenol	8.74	196	121830	38.53	ng	#	88
45) 1,1'-Biphenyl	8.87	154	511024	39.12	ng		94
46) 2-Chloronaphthalene	8.88	162	354702	37.60	ng	#	87
47) 2-Nitroaniline	8.99	65	148853	38.71	ng	#	60
48) Acenaphthylene	9.29	152	599400	35.81	ng		97
49) Dimethylphthalate	9.19	163	442248	40.08	ng	#	97
50) 2,6-Dinitrotoluene	9.24	165	99217	39.62	ng	#	78
51) Acenaphthene	9.46	154	389262	40.88	ng		90
52) 3-Nitroaniline	9.40	138	45541	15.98	ng	#	44
53) 2,4-Dinitrophenol	9.52	184	108994	103.34	ng	#	66
54) Dibenzofuran	9.63	168	565632	40.68	ng	#	86
56) 2,4-Dinitrotoluene	9.64	165	120302	37.73	ng	#	93
57) Fluorene	9.96	166	386467	36.63	ng		97
58) 2,3,4,6-Tetrachlorophenol	9.76	232	88817	36.79	ng	#	90
59) Diethylphthalate	9.87	149	400116	34.48	ng		94
60) 4-Chlorophenyl-phenylether	9.98	204	207197	42.13	ng		97
61) 4-Nitroaniline	10.01	138	33858m	11.76	ng		
62) Azobenzene	10.12	77	477137	36.98	ng	#	81
64) 4,6-Dinitro-2-methylphenol	10.04	198	67362	50.66	ng		97
65) n-Nitrosodiphenylamine	10.10	169	363887	42.07	ng		91
66) 4-Bromophenyl-phenylether	10.46	248	108049	44.95	ng	#	90
67) Hexachlorobenzene	10.51	284	115347	45.90	ng	#	81
68) Atrazine	10.68	200	44415	17.74	ng		84
69) Pentachlorophenol	10.72	266	113797	91.59	ng		99
70) Phenanthrene	10.91	178	493648	37.35	ng		95
71) Anthracene	10.97	178	554980	40.88	ng		97
72) Carbazole	11.14	167	516447	40.53	ng		96
73) Di-n-butylphthalate	11.50	149	672082	44.67	ng	#	99
74) Fluoranthene	12.09	202	501676	35.07	ng		90
77) Pyrene	12.32	202	573616	44.68	ng		98
79) Butylbenzylphthalate	12.97	149	248963	44.59	ng		98
80) Benzo(a)anthracene	13.50	228	398833	36.13	ng		96
82) Chrysene	13.53	228	373332	37.73	ng		94
83) Bis(2-ethylhexyl)phthalate	13.53	149	385560	52.33	ng	#	91
84) Di-n-octyl phthalate	14.14	149	584004	48.14	ng		97
85) Indeno(1,2,3-cd)pyrene	15.91	276	296787	40.89	ng	#	87
87) Benzo(b)fluoranthene	14.48	252	424946m	50.27	ng		
88) Benzo(k)fluoranthene	14.51	252	184698m	26.33	ng		
89) Benzo(a)pyrene	14.77	252	279596	39.03	ng	#	85
90) Dibenzo(a,h)anthracene	15.92	278	247314	44.68	ng	#	82
91) Benzo(g,h,i)perylene	16.23	276	252662	47.83	ng	#	78

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

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