Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF052915\
Data File : BF079571.D
Acq On : 29 May 2015 20:35
Operator : TP/IZ
Sample : G2419-05MS
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-05MS

Manual Integrations APPROVED
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6/1/2015 4:21:08 PM

Quant Time: May 30 00:20:04 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF052615.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 29 23:13:06 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.95	152	104057	20.00	ng		0.00
21) Naphthalene-d8	8.52	136	431113	20.00	ng		-0.01
38) Acenaphthene-d10	10.70	164	215539	20.00	ng		0.00
63) Phenanthrene-d10	12.53	188	378823	20.00	ng		0.00
75) Chrysene-d12	15.86	240	354540	20.00	ng		-0.01
86) Perylene-d12	17.77	264	365522	20.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.23	112	257769	42.97	ng		0.00
7) Phenol-d6	6.55	99	209874	27.45	ng		0.00
23) Nitrobenzene-d5	7.66	82	450087	60.35	ng		0.00
41) 2,4,6-Tribromophenol	11.68	330	216466	91.44	ng		0.00
44) 2-Fluorobiphenyl	9.88	172	884775	58.56	ng		0.00
78) Terphenyl-d14	14.53	244	810093	53.62	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	1.78	88	36413	12.76	ng	#	100
3) Pyridine	2.46	79	49995	7.96	ng	#	89
4) n-Nitrosodimethylamine	2.36	42	33279	10.75	ng	#	92
6) Aniline	6.55	93	126064	11.62	ng		99
8) 2-Chlorophenol	6.68	128	169998	24.34	ng		96
9) Benzaldehyde	6.40	77	23836	3.57	ng		98
10) Phenol	6.57	94	81231	9.02	ng		98
11) bis(2-Chloroethyl)ether	6.65	93	211875	32.53	ng		97
12) 1,3-Dichlorobenzene	6.87	146	205418	26.55	ng		99
13) 1,4-Dichlorobenzene	6.97	146	212608	26.94	ng		99
14) 1,2-Dichlorobenzene	7.15	146	200604	27.37	ng		97
15) Benzyl Alcohol	7.15	79	113765	20.24	ng		94
16) 2,2'-oxybis(1-Chloropropan	7.32	45	289496	30.37	ng		91
17) 2-Methylphenol	7.31	107	115812	21.11	ng		96
18) Hexachloroethane	7.56	117	69044	25.42	ng		99
19) n-Nitroso-di-n-propylamine	7.48	70	164034	30.49	ng	#	93
20) 3+4-Methylphenols	7.51	107	138046	18.31	ng		90
22) Acetophenone	7.47	105	312369	32.34	ng	#	91
24) Nitrobenzene	7.68	77	228311	31.06	ng	#	86
25) Isophorone	7.98	82	400471	29.46	ng		94
26) 2-Nitrophenol	8.07	139	106355	30.56	ng	#	88
27) 2,4-Dimethylphenol	8.16	122	167725	26.81	ng		95
28) bis(2-Chloroethoxy)methane	8.26	93	256854	30.49	ng		98
29) 2,4-Dichlorophenol	8.38	162	168931	29.48	ng		95
30) 1,2,4-Trichlorobenzene	8.47	180	178316	30.00	ng		94
31) Naphthalene	8.56	128	608823	29.43	ng		99
32) Benzoic acid	8.27	122	36575	9.42	ng		97
33) 4-Chloroaniline	8.65	127	122231	14.14	ng	#	94
34) Hexachlorobutadiene	8.71	225	93779	27.74	ng		98
35) Caprolactam	9.10	113	8314	4.60	ng		97
36) 4-Chloro-3-methylphenol	9.27	107	159422	26.82	ng	#	83
37) 2-Methylnaphthalene	9.42	142	444650	30.96	ng		98
39) 1,2,4,5-Tetrachlorobenzene	9.62	216	176884	29.34	ng	#	100
40) Hexachlorocyclopentadiene	9.61	237	92711	58.72	ng		93

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.78	196	117388	27.88	ng		97
43) 2,4,5-Trichlorophenol	9.83	196	123658	29.51	ng	#	87
45) 1,1'-Biphenyl	10.00	154	529370	31.45	ng		98
46) 2-Chloronaphthalene	10.01	162	386407	29.06	ng		97
47) 2-Nitroaniline	10.16	65	113726	28.77	ng	#	62
48) Acenaphthylene	10.52	152	637794	28.90	ng		99
49) Dimethylphthalate	10.40	163	483121	30.42	ng		99
50) 2,6-Dinitrotoluene	10.47	165	96158	30.31	ng	#	66
51) Acenaphthene	10.73	154	363245	28.78	ng		99
52) 3-Nitroaniline	10.67	138	58850	14.26	ng	#	77
53) 2,4-Dinitrophenol	10.81	184	73213	62.43	ng	#	82
54) Dibenzofuran	10.95	168	552930	29.71	ng		98
55) 4-Nitrophenol	10.92	139	40357m	17.63	ng		
56) 2,4-Dinitrotoluene	10.97	165	131974	31.01	ng	#	76
57) Fluorene	11.37	166	447227	29.15	ng		99
58) 2,3,4,6-Tetrachlorophenol	11.12	232	92677	30.39	ng	#	100
59) Diethylphthalate	11.27	149	449732	28.93	ng		97
60) 4-Chlorophenyl-phenylether	11.38	204	204296	30.82	ng		94
61) 4-Nitroaniline	11.43	138	81615	21.23	ng		84
62) Azobenzene	11.58	77	470314	31.10	ng		97
64) 4,6-Dinitro-2-methylphenol	11.47	198	53417	30.82	ng		78
65) n-Nitrosodiphenylamine	11.54	169	391633	31.13	ng		99
66) 4-Bromophenyl-phenylether	11.99	248	126215	32.36	ng		95
67) Hexachlorobenzene	12.05	284	142011	31.93	ng		96
68) Atrazine	12.23	200	113087	33.27	ng		98
69) Pentachlorophenol	12.31	266	115966	68.06	ng		99
70) Phenanthrene	12.56	178	629275	30.28	ng		99
71) Anthracene	12.62	178	628231	29.77	ng		99
72) Carbazole	12.83	167	586463	28.87	ng		99
73) Di-n-butylphthalate	13.29	149	703821	30.33	ng		99
74) Fluoranthene	14.03	202	652585	29.28	ng		98
77) Pyrene	14.31	202	671297	30.56	ng		99
79) Butylbenzylphthalate	15.17	149	295336	29.90	ng		95
80) Benzo(a)anthracene	15.85	228	596865	29.26	ng		99
81) 3,3'-Dichlorobenzidine	15.84	252	27686	3.71	ng	#	96
82) Chrysene	15.90	228	577431	29.79	ng		99
83) Bis(2-ethylhexyl)phthalate	15.93	149	422102	29.83	ng		99
84) Di-n-octyl phthalate	16.81	149	717248	29.12	ng		100
85) Indeno(1,2,3-cd)pyrene	19.17	276	732620	29.38	ng		99
87) Benzo(b)fluoranthene	17.27	252	629999	30.22	ng		98
88) Benzo(k)fluoranthene	17.31	252	571708	30.67	ng		99
89) Benzo(a)pyrene	17.70	252	598354	32.18	ng		98
90) Dibenzo(a,h)anthracene	19.19	278	600413	30.92	ng		99
91) Benzo(g,h,i)perylene	19.54	276	609685	31.91	ng		97

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

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