Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051515\
Data File : BF079272.D
Acq On : 15 May 2015 16:20
Operator : TP/IZ
Sample : G2231-01MSD
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : LAR9797-AMSD

Manual Integrations APPROVED
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5/18/2015 3:39:05 PM

Quant Time: May 15 23:41:24 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF043015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 15 22:54:46 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.18	152	63585	20.00	ng		0.00
21) Naphthalene-d8	8.75	136	253558	20.00	ng		0.00
38) Acenaphthene-d10	10.92	164	120256	20.00	ng		0.00
63) Phenanthrene-d10	12.77	188	228886	20.00	ng		0.00
75) Chrysene-d12	16.09	240	225305	20.00	ng		0.00
86) Perylene-d12	17.95	264	220987	20.00	ng		0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.48	112	495840m	134.23	ng		0.02
7) Phenol-d6	6.75	99	611247	125.19	ng		0.00
23) Nitrobenzene-d5	7.87	82	388874	88.14	ng		0.00
41) 2,4,6-Tribromophenol	11.91	330	199047	153.00	ng		0.00
44) 2-Fluorobiphenyl	10.10	172	749207	86.80	ng		0.00
78) Terphenyl-d14	14.77	244	821480	87.29	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.14	88	59999m	37.36	ng		
3) Pyridine	2.83	79	166861m	35.50	ng		
4) n-Nitrosodimethylamine	2.74	42	83493m	41.46	ng		
6) Aniline	6.76	93	42681	6.19	ng	#	1
8) 2-Chlorophenol	6.91	128	189753	45.29	ng		89
9) Benzaldehyde	6.63	77	58363	17.74	ng		96
10) Phenol	6.76	94	222629	39.31	ng		81
11) bis(2-Chloroethyl)ether	6.87	93	175624	42.30	ng		87
12) 1,3-Dichlorobenzene	7.10	146	190757	40.51	ng	#	89
13) 1,4-Dichlorobenzene	7.20	146	198543	40.97	ng		99
14) 1,2-Dichlorobenzene	7.38	146	190677	42.26	ng		99
15) Benzyl Alcohol	7.37	79	159903	44.12	ng	#	90
16) 2,2'-oxybis(1-Chloropropan	7.54	45	264246	41.60	ng		98
17) 2-Methylphenol	7.52	107	149373	44.31	ng		100
18) Hexachloroethane	7.79	117	67225	40.27	ng	#	83
19) n-Nitroso-di-n-propylamine	7.70	70	141688	42.96	ng		95
20) 3+4-Methylphenols	7.70	107	200917	44.72	ng	#	52
22) Acetophenone	7.69	105	303394	52.96	ng	#	87
24) Nitrobenzene	7.90	77	216026	49.40	ng	#	87
25) Isophorone	8.19	82	360579	44.09	ng	#	92
26) 2-Nitrophenol	8.28	139	92399	51.05	ng	#	85
27) 2,4-Dimethylphenol	8.35	122	168209	46.44	ng		95
28) bis(2-Chloroethoxy)methane	8.48	93	240284	47.65	ng		98
29) 2,4-Dichlorophenol	8.59	162	161914	50.27	ng		88
30) 1,2,4-Trichlorobenzene	8.68	180	159627	45.12	ng		97
31) Naphthalene	8.78	128	529643	43.84	ng		99
32) Benzoic acid	8.50	122	234256m	95.99	ng		
33) 4-Chloroaniline	8.86	127	39057	7.64	ng		94
34) Hexachlorobutadiene	8.94	225	90139	44.24	ng		97
35) Caprolactam	9.31	113	42924	41.21	ng	#	77
36) 4-Chloro-3-methylphenol	9.47	107	167479	49.51	ng		99
37) 2-Methylnaphthalene	9.64	142	385672	46.07	ng		99
39) 1,2,4,5-Tetrachlorobenzene	9.85	216	154803	45.71	ng		99
40) Hexachlorocyclopentadiene	9.83	237	141911	83.33	ng		93

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	10.00	196	109886	47.19	ng		98
43) 2,4,5-Trichlorophenol	10.04	196	115716	49.16	ng	#	94
45) 1,1'-Biphenyl	10.23	154	450822	47.16	ng		99
46) 2-Chloronaphthalene	10.24	162	341949	45.86	ng		98
47) 2-Nitroaniline	10.38	65	101013	46.75	ng	#	79
48) Acenaphthylene	10.75	152	576643	47.10	ng		100
49) Dimethylphthalate	10.62	163	415995	47.13	ng		99
50) 2,6-Dinitrotoluene	10.68	165	84242	48.37	ng	#	57
51) Acenaphthene	10.97	154	340064	46.57	ng		99
52) 3-Nitroaniline	10.89	138	27992	12.87	ng		82
53) 2,4-Dinitrophenol	11.03	184	78544	94.30	ng	#	59
54) Dibenzofuran	11.19	168	518378	49.15	ng		95
55) 4-Nitrophenol	11.11	139	144006	83.62	ng		92
56) 2,4-Dinitrotoluene	11.19	165	117561	51.05	ng		94
57) Fluorene	11.61	166	419167	48.42	ng		100
58) 2,3,4,6-Tetrachlorophenol	11.34	232	92514	48.09	ng	#	98
59) Diethylphthalate	11.50	149	413699	47.31	ng		96
60) 4-Chlorophenyl-phenylether	11.62	204	184587	48.07	ng	#	88
61) 4-Nitroaniline	11.65	138	88605	40.71	ng		93
62) Azobenzene	11.82	77	418391	48.56	ng		94
64) 4,6-Dinitro-2-methylphenol	11.69	198	52744	53.00	ng		98
65) n-Nitrosodiphenylamine	11.77	169	356332	46.75	ng		99
66) 4-Bromophenyl-phenylether	12.23	248	113511	47.58	ng	#	82
67) Hexachlorobenzene	12.29	284	130921	48.01	ng	#	74
68) Atrazine	12.45	200	103571	46.72	ng		97
69) Pentachlorophenol	12.54	266	138245	86.08	ng		97
70) Phenanthrene	12.80	178	572195	44.69	ng		99
71) Anthracene	12.86	178	582179	46.34	ng		99
72) Carbazole	13.07	167	566860	47.34	ng		98
73) Di-n-butylphthalate	13.52	149	679497	47.32	ng	#	98
74) Fluoranthene	14.27	202	626392	46.95	ng		96
76) Benzidine	14.46	184	121171	19.96	ng		97
77) Pyrene	14.55	202	638318	49.17	ng		100
79) Butylbenzylphthalate	15.39	149	350365	61.74	ng		99
80) Benzo(a)anthracene	16.08	228	578182	46.86	ng		99
81) 3,3'-Dichlorobenzidine	16.06	252	162090	36.88	ng	#	97
82) Chrysene	16.13	228	492626	41.51	ng		99
83) Bis(2-ethylhexyl)phthalate	16.15	149	435166	50.62	ng		100
84) Di-n-octyl phthalate	16.99	149	756638	49.98	ng		98
85) Indeno(1,2,3-cd)pyrene	19.39	276	672885	44.50	ng		99
87) Benzo(b)fluoranthene	17.47	252	565525	46.75	ng	#	96
88) Benzo(k)fluoranthene	17.51	252	577145	49.29	ng		98
89) Benzo(a)pyrene	17.89	252	556507	49.97	ng		98
90) Dibenzo(a,h)anthracene	19.43	278	555452	46.93	ng		98
91) Benzo(g,h,i)perylene	19.81	276	557492	46.99	ng	#	94

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

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