Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF073015\
Data File : BF080718.D
Acq On : 31 Jul 2015 4:32
Operator : TP/UM
Sample : G3077-11MSD
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
GRID-5-(6-12)MSD

Manual Integrations APPROVED
MMDadoda
7/31/2015 11:22:56 AM

Quant Time: Jul 31 06:57:00 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF073015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 31 01:45:22 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	158830	20.00	ng		0.00
21) Naphthalene-d8	8.13	136	594927	20.00	ng		-0.01
38) Acenaphthene-d10	9.89	164	314520	20.00	ng		0.00
63) Phenanthrene-d10	11.37	188	575450	20.00	ng		0.00
75) Chrysene-d12	14.00	240	341370	20.00	ng		0.00
86) Perylene-d12	15.41	264	287562	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.48	112	1158845	125.16	ng		0.03
7) Phenol-d6	6.49	99	1356066	107.58	ng		0.00
23) Nitrobenzene-d5	7.42	82	1165986	94.91	ng		0.00
41) 2,4,6-Tribromophenol	10.68	330	470317	144.11	ng		0.00
44) 2-Fluorobiphenyl	9.22	172	1839460	87.25	ng		0.00
78) Terphenyl-d14	12.96	244	1746724	96.77	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.69	88	177583	38.89	ng	#	80
3) Pyridine	3.37	79	428382	33.82	ng		99
4) n-Nitrosodimethylamine	3.30	42	298757	41.26	ng		99
6) Aniline	6.52	93	220755	12.17	ng		96
8) 2-Chlorophenol	6.65	128	427738	41.22	ng	#	81
9) Benzaldehyde	6.40	77	93571	10.07	ng		83
10) Phenol	6.50	94	510179	34.98	ng		95
11) bis(2-Chloroethyl)ether	6.59	93	437003	41.94	ng		99
12) 1,3-Dichlorobenzene	6.80	146	455015	39.38	ng		100
13) 1,4-Dichlorobenzene	6.88	146	474343	40.25	ng		99
14) 1,2-Dichlorobenzene	7.02	146	429156	39.84	ng		98
15) Benzyl Alcohol	7.00	79	461890	44.12	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.14	45	968540	43.51	ng		99
17) 2-Methylphenol	7.10	107	366304	43.00	ng		99
18) Hexachloroethane	7.37	117	176896	40.21	ng		97
19) n-Nitroso-di-n-propylamine	7.28	70	376689	44.38	ng	#	97
20) 3+4-Methylphenols	7.26	107	454705	43.26	ng		91
22) Acetophenone	7.26	105	603307	42.01	ng	#	95
24) Nitrobenzene	7.44	77	509774	41.42	ng		98
25) Isophorone	7.68	82	959136	43.90	ng		99
26) 2-Nitrophenol	7.76	139	239769m	47.99	ng		
27) 2,4-Dimethylphenol	7.79	122	392085m	41.77	ng		
28) bis(2-Chloroethoxy)methane	7.89	93	610658	47.18	ng		99
29) 2,4-Dichlorophenol	8.00	162	389220	46.65	ng		99
30) 1,2,4-Trichlorobenzene	8.08	180	374816	41.20	ng		98
31) Naphthalene	8.16	128	1169657	39.39	ng		100
32) Benzoic acid	7.89	122	181916m	27.77	ng		
33) 4-Chloroaniline	8.20	127	103721	8.28	ng	#	89
34) Hexachlorobutadiene	8.28	225	253067	43.08	ng		98
35) Caprolactam	8.58	113	99988m	40.02	ng		
36) 4-Chloro-3-methylphenol	8.69	107	434781	48.34	ng		90
37) 2-Methylnaphthalene	8.85	142	871183	46.74	ng		100
39) 1,2,4,5-Tetrachlorobenzene	9.01	216	353733	35.81	ng		99
40) Hexachlorocyclopentadiene	9.01	237	481827	79.29	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.13	196	286888m	41.75	ng		
43) 2,4,5-Trichlorophenol	9.17	196	290187m	42.58	ng		
45) 1,1'-Biphenyl	9.31	154	945498	39.21	ng		95
46) 2-Chloronaphthalene	9.33	162	780228	39.61	ng	#	90
47) 2-Nitroaniline	9.44	65	328357	42.84	ng		99
48) Acenaphthylene	9.76	152	1327032	42.37	ng		100
49) Dimethylphthalate	9.62	163	929180	41.92	ng		99
50) 2,6-Dinitrotoluene	9.68	165	205142	43.61	ng		98
51) Acenaphthene	9.93	154	856847	44.84	ng		99
52) 3-Nitroaniline	9.84	138	79420	14.63	ng	#	53
53) 2,4-Dinitrophenol	9.94	184	134234	53.58	ng		90
54) Dibenzofuran	10.10	168	1163773	45.54	ng		98
55) 4-Nitrophenol	10.00	139	260576	65.16	ng	#	54
56) 2,4-Dinitrotoluene	10.08	165	256036	41.51	ng	#	88
57) Fluorene	10.44	166	867448	43.73	ng		97
58) 2,3,4,6-Tetrachlorophenol	10.21	232	237990	46.30	ng		95
59) Diethylphthalate	10.32	149	899105	42.08	ng		99
60) 4-Chlorophenyl-phenylether	10.43	204	381209	44.42	ng		97
61) 4-Nitroaniline	10.45	138	180728	36.88	ng		99
62) Azobenzene	10.59	77	1101942	47.61	ng		99
64) 4,6-Dinitro-2-methylphenol	10.48	198	110676	31.94	ng		96
65) n-Nitrosodiphenylamine	10.56	169	797415	42.27	ng		96
66) 4-Bromophenyl-phenylether	10.92	248	281644	47.41	ng		97
67) Hexachlorobenzene	10.98	284	281409	40.97	ng		97
68) Atrazine	11.08	200	281203	Below Cal			93
69) Pentachlorophenol	11.17	266	312719	75.24	ng		99
70) Phenanthrene	11.39	178	1172156	40.43	ng		99
71) Anthracene	11.45	178	1281910	45.00	ng		100
72) Carbazole	11.60	167	992728	40.15	ng		99
73) Di-n-butylphthalate	11.94	149	1483438	48.38	ng		99
74) Fluoranthene	12.58	202	1283402	45.79	ng		99
76) Benzidine	12.69	184	215220	17.32	ng		100
77) Pyrene	12.81	202	1286757	48.60	ng		98
79) Butylbenzylphthalate	13.43	149	503347	45.80	ng		97
80) Benzo(a)anthracene	13.99	228	883762	43.05	ng		100
81) 3,3'-Dichlorobenzidine	13.95	252	103220	14.73	ng	#	96
82) Chrysene	14.03	228	843303	42.32	ng		99
83) Bis(2-ethylhexyl)phthalate	14.00	149	673939	51.13	ng		99
84) Di-n-octyl phthalate	14.60	149	1108935	50.18	ng		98
85) Indeno(1,2,3-cd)pyrene	16.80	276	686311	38.59	ng	#	87
87) Benzo(b)fluoranthene	15.01	252	782081m	45.53	ng		
88) Benzo(k)fluoranthene	15.04	252	640266m	45.29	ng		
89) Benzo(a)pyrene	15.36	252	658513	46.70	ng		98
90) Dibenzo(a,h)anthracene	16.81	278	582743	46.16	ng	#	97
91) Benzo(g,h,i)perylene	17.21	276	573923	46.20	ng		98

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

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