Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF110215\
Data File : BF082648.D
Acq On : 2 Nov 2015 23:29
Operator : UM/IZ
Sample : G4238-05MSD
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : T-16CMSD

Quant Time: Nov 03 05:49:02 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF103015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Oct 31 00:17:39 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	194525	20.00	ng		-0.02
21) Naphthalene-d8	8.18	136	716815	20.00	ng		-0.01
38) Acenaphthene-d10	9.94	164	336099	20.00	ng		-0.01
63) Phenanthrene-d10	11.41	188	541257	20.00	ng		-0.02
75) Chrysene-d12	14.05	240	390452	20.00	ng		-0.02
86) Perylene-d12	15.51	264	380298	20.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.50	112	1705309	132.04	ng		0.00
7) Phenol-d6	6.53	99	2441458	142.29	ng		0.00
23) Nitrobenzene-d5	7.46	82	1660594	94.60	ng		-0.01
41) 2,4,6-Tribromophenol	10.73	330	518329	140.92	ng		-0.01
44) 2-Fluorobiphenyl	9.26	172	2120169	89.56	ng		-0.01
78) Terphenyl-d14	13.00	244	1516221	84.98	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	2.58	88	226330	37.91	ng		94
3) Pyridine	3.31	79	695933	39.75	ng		98
4) n-Nitrosodimethylamine	3.25	42	385988	39.17	ng		98
6) Aniline	6.56	93	805122	33.70	ng		97
8) 2-Chlorophenol	6.68	128	639572	45.77	ng		99
9) Benzaldehyde	6.43	77	242087	20.67	ng		92
10) Phenol	6.54	94	951262	48.93	ng		95
11) bis(2-Chloroethyl)ether	6.62	93	618922	43.15	ng		94
12) 1,3-Dichlorobenzene	6.83	146	668254	41.94	ng		93
13) 1,4-Dichlorobenzene	6.91	146	741349	46.91	ng		95
14) 1,2-Dichlorobenzene	7.06	146	601238m	40.99	ng		
15) Benzyl Alcohol	7.04	79	742506	46.41	ng		96
16) 2,2'-oxybis(1-Chloropropan	7.17	45	969000	42.51	ng		98
17) 2-Methylphenol	7.15	107	561712	47.28	ng		100
18) Hexachloroethane	7.41	117	228105	36.98	ng	#	79
19) n-Nitroso-di-n-propylamine	7.31	70	490999	37.75	ng		93
20) 3+4-Methylphenols	7.30	107	659975	42.74	ng	#	90
22) Acetophenone	7.30	105	955180	45.26	ng	#	83
24) Nitrobenzene	7.47	77	695187	39.18	ng	#	86
25) Isophorone	7.72	82	1414495	43.80	ng		97
26) 2-Nitrophenol	7.79	139	298152	46.00	ng		84
27) 2,4-Dimethylphenol	7.84	122	637569	50.39	ng		97
28) bis(2-Chloroethoxy)methane	7.93	93	751832	42.56	ng		97
29) 2,4-Dichlorophenol	8.04	162	527178	45.71	ng		96
30) 1,2,4-Trichlorobenzene	8.12	180	567291	44.32	ng		97
31) Naphthalene	8.20	128	1800648	46.42	ng		99
32) Benzoic acid	7.93	122	167485	18.25	ng		92
33) 4-Chloroaniline	8.25	127	381926	23.06	ng	#	86
34) Hexachlorobutadiene	8.33	225	367417	45.14	ng		98
35) Caprolactam	8.61	113	166851	47.15	ng	#	88
36) 4-Chloro-3-methylphenol	8.73	107	599400	44.14	ng		99
37) 2-Methylnaphthalene	8.90	142	1111503m	44.22	ng		
39) 1,2,4,5-Tetrachlorobenzene	9.06	216	491091	43.79	ng		99
40) Hexachlorocyclopentadiene	9.06	237	253835	36.00	ng		96

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.17	196	402214m	49.67	ng		
43) 2,4,5-Trichlorophenol	9.21	196	378737m	46.94	ng		
45) 1,1'-Biphenyl	9.36	154	1186121	41.78	ng		96
46) 2-Chloronaphthalene	9.38	162	968975	43.71	ng		94
47) 2-Nitroaniline	9.47	65	375654	43.59	ng		92
48) Acenaphthylene	9.80	152	1648721	46.50	ng		99
49) Dimethylphthalate	9.66	163	1775176	64.67	ng		99
50) 2,6-Dinitrotoluene	9.72	165	283057	49.75	ng	#	64
51) Acenaphthene	9.97	154	1074798	47.75	ng		98
52) 3-Nitroaniline	9.88	138	220889	34.90	ng		87
53) 2,4-Dinitrophenol	9.98	184	122268	43.66	ng	#	23
54) Dibenzofuran	10.14	168	1489615	48.77	ng		93
55) 4-Nitrophenol	10.04	139	395546	83.05	ng	#	80
56) 2,4-Dinitrotoluene	10.12	165	397299	51.64	ng	#	82
57) Fluorene	10.49	166	1164502	47.27	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.26	232	313434	45.96	ng		95
59) Diethylphthalate	10.36	149	1181519	42.28	ng		97
60) 4-Chlorophenyl-phenylether	10.48	204	504174	42.10	ng	#	83
61) 4-Nitroaniline	10.50	138	276660	45.80	ng	#	82
62) Azobenzene	10.64	77	1349700	42.83	ng		91
64) 4,6-Dinitro-2-methylphenol	10.52	198	89409	27.39	ng	#	42
65) n-Nitrosodiphenylamine	10.59	169	913652	49.11	ng		99
66) 4-Bromophenyl-phenylether	10.97	248	326106	53.17	ng	#	83
67) Hexachlorobenzene	11.04	284	355718	52.30	ng	#	75
68) Atrazine	11.13	200	350426	57.56	ng		94
69) Pentachlorophenol	11.23	266	444926	99.21	ng		99
70) Phenanthrene	11.45	178	1567869	51.36	ng		98
71) Anthracene	11.49	178	1409933	45.87	ng		99
72) Carbazole	11.64	167	1269813	47.43	ng		100
73) Di-n-butylphthalate	11.98	149	1603701	47.05	ng		100
74) Fluoranthene	12.64	202	1386087	44.41	ng		94
76) Benzidine	12.75	184	818428	46.48	ng		99
77) Pyrene	12.86	202	1373841	47.52	ng		98
79) Butylbenzylphthalate	13.48	149	621765	49.10	ng		95
80) Benzo(a)anthracene	14.04	228	1126234	45.41	ng		100
81) 3,3'-Dichlorobenzidine	14.01	252	387853	45.38	ng		100
82) Chrysene	14.09	228	1134863	50.48	ng		100
83) Bis(2-ethylhexyl)phthalate	14.05	149	931149	56.72	ng	#	99
84) Di-n-octyl phthalate	14.66	149	1408885	55.02	ng		99
85) Indeno(1,2,3-cd)pyrene	16.92	276	1008132	54.34	ng		99
87) Benzo(b)fluoranthene	15.08	252	1234380m	47.07	ng		
88) Benzo(k)fluoranthene	15.12	252	800811m	40.08	ng		
89) Benzo(a)pyrene	15.45	252	953762	46.18	ng	#	97
90) Dibenzo(a,h)anthracene	16.95	278	864526	44.86	ng		98
91) Benzo(g,h,i)perylene	17.36	276	804956	43.10	ng		97

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

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