Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF120516\
Data File : BF091438.D
Acq On : 6 Dec 2016 00:36
Operator : UM/SJ
Sample : H5802-05MSD
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-04MSD

Manual Integrations APPROVED

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12/6/2016 3:01:53 PM

Quant Time: Dec 06 01:03:57 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF112916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 06 00:16:00 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	123845	20.00	ng		0.00
21) Naphthalene-d8	8.14	136	522109	20.00	ng		0.00
38) Acenaphthene-d10	9.90	164	294132	20.00	ng		0.01
63) Phenanthrene-d10	11.37	188	448367	20.00	ng		0.00
75) Chrysene-d12	14.01	240	294764	20.00	ng		0.01
86) Perylene-d12	15.43	264	274550	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.45	112	520518	68.66	ng		0.01
7) Phenol-d6	6.48	99	467983	50.15	ng		0.00
23) Nitrobenzene-d5	7.42	82	880681	94.53	ng		0.00
41) 2,4,6-Tribromophenol	10.69	330	409296	146.99	ng		0.01
44) 2-Fluorobiphenyl	9.22	172	1801468	110.90	ng		0.01
78) Terphenyl-d14	12.96	244	1450784	106.98	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.49	88	58078	16.93	ng	#	78
3) Pyridine	3.22	79	138924	14.31	ng	#	82
4) n-Nitrosodimethylamine	3.14	42	113775	22.34	ng		93
6) Aniline	6.52	93	263712	21.27	ng	#	69
8) 2-Chlorophenol	6.64	128	355976	42.83	ng		99
9) Benzaldehyde	6.39	77	109283	18.21	ng		91
10) Phenol	6.50	94	187392	17.07	ng	#	71
11) bis(2-Chloroethyl)ether	6.58	93	353059	45.00	ng		95
12) 1,3-Dichlorobenzene	6.79	146	411362	44.49	ng		97
13) 1,4-Dichlorobenzene	6.87	146	436981	47.51	ng		99
14) 1,2-Dichlorobenzene	7.02	146	369743	43.16	ng		98
15) Benzyl Alcohol	7.00	79	272858	36.53	ng		94
16) 2,2'-oxybis(1-Chloropropan	7.13	45	782534	46.38	ng		72
17) 2-Methylphenol	7.11	107	235636	35.86	ng	#	75
18) Hexachloroethane	7.36	117	148573	45.50	ng	#	85
19) n-Nitroso-di-n-propylamine	7.27	70	319023	54.26	ng	#	97
20) 3+4-Methylphenols	7.27	107	280694	35.00	ng	#	60
22) Acetophenone	7.26	105	604819	48.88	ng	#	85
24) Nitrobenzene	7.44	77	488660	51.23	ng	#	81
25) Isophorone	7.68	82	860739	52.15	ng		99
26) 2-Nitrophenol	7.75	139	201974	46.46	ng		97
27) 2,4-Dimethylphenol	7.80	122	334832	41.18	ng		98
28) bis(2-Chloroethoxy)methane	7.89	93	501718	50.50	ng		99
29) 2,4-Dichlorophenol	8.00	162	366590	51.25	ng		93
30) 1,2,4-Trichlorobenzene	8.08	180	413736	51.59	ng		98
31) Naphthalene	8.16	128	1235100	49.77	ng		100
32) Benzoic acid	7.89	122	58160	9.70	ng		94
33) 4-Chloroaniline	8.21	127	138157	13.02	ng		98
34) Hexachlorobutadiene	8.29	225	236747	48.01	ng		99
35) Caprolactam	8.62	113	21062	10.24	ng	#	84
36) 4-Chloro-3-methylphenol	8.70	107	367119	47.54	ng		85
37) 2-Methylnaphthalene	8.85	142	825633	48.98	ng		91
39) 1,2,4,5-Tetrachlorobenzene	9.02	216	422568	50.96	ng		99
40) Hexachlorocyclopentadiene	9.01	237	185832	48.35	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.13	196	281840m	52.30	ng		
43) 2,4,5-Trichlorophenol	9.18	196	272233m	50.41	ng		
45) 1,1'-Biphenyl	9.32	154	961206	45.45	ng		97
46) 2-Chloronaphthalene	9.34	162	724931	46.02	ng		98
47) 2-Nitroaniline	9.44	65	292269	51.66	ng		99
48) Acenaphthylene	9.76	152	1172394	47.28	ng		100
49) Dimethylphthalate	9.62	163	863289	48.47	ng		97
50) 2,6-Dinitrotoluene	9.68	165	208865	52.47	ng		93
51) Acenaphthene	9.93	154	910143	54.42	ng		95
52) 3-Nitroaniline	9.85	138	72579	15.75	ng	#	81
53) 2,4-Dinitrophenol	9.96	184	152283	87.48	ng	#	82
54) Dibenzofuran	10.10	168	1205716	53.84	ng		90
55) 4-Nitrophenol	10.02	139	120865	36.32	ng		89
56) 2,4-Dinitrotoluene	10.08	165	254363	49.26	ng	#	66
57) Fluorene	10.45	166	923761	53.73	ng		98
58) 2,3,4,6-Tetrachlorophenol	10.22	232	228153	49.47	ng	#	96
59) Diethylphthalate	10.32	149	879359	50.02	ng		97
60) 4-Chlorophenyl-phenylether	10.44	204	437428	50.73	ng	#	90
61) 4-Nitroaniline	10.46	138	134383	31.06	ng		84
62) Azobenzene	10.60	77	1014479	56.55	ng		91
64) 4,6-Dinitro-2-methylphenol	10.49	198	137641	55.72	ng	#	45
65) n-Nitrosodiphenylamine	10.56	169	808782	59.50	ng		98
66) 4-Bromophenyl-phenylether	10.93	248	302085	62.68	ng	#	84
67) Hexachlorobenzene	10.98	284	290595	55.80	ng	#	73
68) Atrazine	11.11	200	177215	40.25	ng		98
69) Pentachlorophenol	11.19	266	337050	109.94	ng		95
70) Phenanthrene	11.41	178	1309329	56.20	ng		99
71) Anthracene	11.45	178	1185959	51.29	ng		99
72) Carbazole	11.61	167	1083502	51.64	ng		98
73) Di-n-butylphthalate	11.94	149	1219470	51.28	ng		99
74) Fluoranthene	12.58	202	1084028	49.12	ng		99
77) Pyrene	12.81	202	1081728	48.36	ng		99
79) Butylbenzylphthalate	13.44	149	478520	57.13	ng		86
80) Benzo(a)anthracene	14.00	228	906269	52.57	ng		99
82) Chrysene	14.04	228	884541	51.86	ng		98
83) Bis(2-ethylhexyl)phthalate	14.00	149	681148	64.15	ng	#	93
84) Di-n-octyl phthalate	14.61	149	1014914	63.17	ng		98
85) Indeno(1,2,3-cd)pyrene	16.84	276	920886	58.95	ng	#	91
87) Benzo(b)fluoranthene	15.03	252	938561m	55.00	ng		
88) Benzo(k)fluoranthene	15.05	252	731377m	50.97	ng		
89) Benzo(a)pyrene	15.37	252	818473	53.41	ng	#	96
90) Dibenzo(a,h)anthracene	16.86	278	777628	54.86	ng	#	91
91) Benzo(g,h,i)perylene	17.26	276	741146	50.71	ng	#	95

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

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