Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF100516\
Data File : BF090401.D
Acq On : 6 Oct 2016 1:07
Operator : UM/SJ
Sample : H5061-28MSD
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SUP-B003-5-10MSD

Manual Integrations APPROVED
SOHIL
10/6/2016 5:27:44 PM

Quant Time: Oct 06 02:17:03 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF100516.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 05 14:57:00 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.00	152	236735	20.00	ng		0.00
21) Naphthalene-d8	8.29	136	998732	20.00	ng		0.00
38) Acenaphthene-d10	10.05	164	491828	20.00	ng		0.00
63) Phenanthrene-d10	11.55	188	790097	20.00	ng		0.00
75) Chrysene-d12	14.19	240	537098	20.00	ng		-0.01
86) Perylene-d12	15.70	264	427861	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.62	112	1790232	112.86	ng		0.01
7) Phenol-d6	6.62	99	2351572	113.19	ng		0.00
23) Nitrobenzene-d5	7.57	82	1539965	75.00	ng		0.00
41) 2,4,6-Tribromophenol	10.85	330	520322	130.11	ng		0.00
44) 2-Fluorobiphenyl	9.37	172	2011680	68.15	ng		-0.01
78) Terphenyl-d14	13.14	244	1918501	80.30	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.76	88	234585	30.00	ng	#	94
3) Pyridine	3.54	79	739516	33.92	ng	#	84
4) n-Nitrosodimethylamine	3.47	42	338409	37.61	ng	#	66
6) Aniline	6.66	93	884978	30.84	ng		97
8) 2-Chlorophenol	6.78	128	614617	35.21	ng		85
9) Benzaldehyde	6.54	77	292571	27.86	ng		87
10) Phenol	6.65	94	921554	38.15	ng		90
11) bis(2-Chloroethyl)ether	6.74	93	729559	39.45	ng		96
12) 1,3-Dichlorobenzene	6.94	146	630975m	36.26	ng		
13) 1,4-Dichlorobenzene	7.02	146	671118	37.97	ng		97
14) 1,2-Dichlorobenzene	7.17	146	595021	34.94	ng		96
15) Benzyl Alcohol	7.14	79	616817	39.06	ng		95
16) 2,2'-oxybis(1-Chloropropan	7.29	45	1180873	37.65	ng		92
17) 2-Methylphenol	7.25	107	567853	39.56	ng		99
18) Hexachloroethane	7.53	117	250325	35.93	ng	#	89
19) n-Nitroso-di-n-propylamine	7.41	70	574481	37.71	ng	#	84
20) 3+4-Methylphenols	7.40	107	725253	39.03	ng		92
22) Acetophenone	7.41	105	912848	38.59	ng	#	95
24) Nitrobenzene	7.58	77	721213	35.38	ng		95
25) Isophorone	7.82	82	1398034	37.24	ng		96
26) 2-Nitrophenol	7.90	139	335579	38.25	ng	#	76
27) 2,4-Dimethylphenol	7.94	122	601007	35.23	ng		95
28) bis(2-Chloroethoxy)methane	8.04	93	930595	41.92	ng	#	96
29) 2,4-Dichlorophenol	8.14	162	471834	36.37	ng		88
30) 1,2,4-Trichlorobenzene	8.23	180	532371	39.82	ng		98
31) Naphthalene	8.31	128	1796596	37.29	ng		99
32) Benzoic acid	7.99	122	44763	3.77	ng	#	86
33) 4-Chloroaniline	8.36	127	561894	28.21	ng	#	91
34) Hexachlorobutadiene	8.44	225	259308	34.72	ng		97
35) Caprolactam	8.73	113	178824m	41.00	ng		
36) 4-Chloro-3-methylphenol	8.84	107	643958	39.65	ng		99
37) 2-Methylnaphthalene	9.01	142	1212754	41.58	ng		97
39) 1,2,4,5-Tetrachlorobenzene	9.17	216	471404	36.35	ng	#	97
40) Hexachlorocyclopentadiene	9.16	237	530953	74.70	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.29	196	363759	40.65	ng		99
43) 2,4,5-Trichlorophenol	9.32	196	342618m	40.49	ng		
45) 1,1'-Biphenyl	9.47	154	1295335	35.54	ng		93
46) 2-Chloronaphthalene	9.50	162	1077813	40.03	ng	#	92
47) 2-Nitroaniline	9.58	65	415670	39.12	ng	#	82
48) Acenaphthylene	9.91	152	1632545	36.74	ng		99
49) Dimethylphthalate	9.78	163	2204440	69.99	ng		99
50) 2,6-Dinitrotoluene	9.83	165	311702	44.57	ng	#	78
51) Acenaphthene	10.09	154	1072181	38.70	ng		99
52) 3-Nitroaniline	9.99	138	263952	32.31	ng		84
53) 2,4-Dinitrophenol	10.10	184	170159	54.57	ng	#	1
54) Dibenzofuran	10.26	168	1411414	39.36	ng		91
55) 4-Nitrophenol	10.15	139	486155	68.02	ng		95
56) 2,4-Dinitrotoluene	10.23	165	393838	42.32	ng	#	39
57) Fluorene	10.60	166	1181672	39.21	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.37	232	268761	42.54	ng	#	78
59) Diethylphthalate	10.47	149	1297859	39.82	ng	#	92
60) 4-Chlorophenyl-phenylether	10.60	204	564427	41.19	ng	#	83
61) 4-Nitroaniline	10.61	138	329315	40.01	ng		94
62) Azobenzene	10.76	77	1713312	45.51	ng		87
64) 4,6-Dinitro-2-methylphenol	10.65	198	188172	36.72	ng	#	55
65) n-Nitrosodiphenylamine	10.71	169	1115882	42.15	ng		98
66) 4-Bromophenyl-phenylether	11.09	248	325095	41.98	ng	#	84
67) Hexachlorobenzene	11.16	284	337740	39.16	ng	#	84
68) Atrazine	11.24	200	317869	48.69	ng		97
69) Pentachlorophenol	11.34	266	395892	77.11	ng		99
70) Phenanthrene	11.57	178	1807826	44.68	ng		98
71) Anthracene	11.62	178	1596620	38.64	ng		98
72) Carbazole	11.78	167	1579198	41.14	ng	#	95
73) Di-n-butylphthalate	12.11	149	2077881	44.48	ng	#	97
74) Fluoranthene	12.76	202	1583802	39.91	ng		99
76) Benzidine	12.88	184	808551	57.25	ng		99
77) Pyrene	12.99	202	1521351	42.48	ng		99
79) Butylbenzylphthalate	13.61	149	757283	41.21	ng	#	72
80) Benzo(a)anthracene	14.18	228	1318465	43.75	ng		98
81) 3,3'-Dichlorobenzidine	14.14	252	365332	33.44	ng	#	98
82) Chrysene	14.22	228	1264434	45.59	ng		98
83) Bis(2-ethylhexyl)phthalate	14.18	149	1102309	42.20	ng	#	97
84) Di-n-octyl phthalate	14.80	149	1660482	42.88	ng	#	93
85) Indeno(1,2,3-cd)pyrene	17.22	276	1018299	51.50	ng	#	93
87) Benzo(b)fluoranthene	15.25	252	999457	36.67	ng	#	95
88) Benzo(k)fluoranthene	15.29	252	1047596m	40.92	ng		
89) Benzo(a)pyrene	15.63	252	959749	40.86	ng	#	95
90) Dibenzo(a,h)anthracene	17.24	278	869508	43.51	ng		97
91) Benzo(g,h,i)perylene	17.68	276	833136	43.44	ng		95

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

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