Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101216\
Data File : BF090541.D
Acq On : 12 Oct 2016 17:54
Operator : UM/SJ
Sample : H5180-02MSD
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-1MSD

Manual Integrations APPROVED
sohil
10/13/2016 2:04:17 PM

Quant Time: Oct 13 01:00:37 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF101116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Oct 11 16:14:43 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.95	152	217233	20.00	ng		0.00
21) Naphthalene-d8	8.23	136	891338	20.00	ng		-0.01
38) Acenaphthene-d10	9.99	164	482823	20.00	ng		-0.01
63) Phenanthrene-d10	11.48	188	786673	20.00	ng		0.00
75) Chrysene-d12	14.13	240	666768	20.00	ng		0.00
86) Perylene-d12	15.61	264	455148	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.58	112	1404670	100.60	ng		0.02
7) Phenol-d6	6.60	99	1898352	107.73	ng		0.01
23) Nitrobenzene-d5	7.51	82	1257402	76.51	ng		0.00
41) 2,4,6-Tribromophenol	10.79	330	641016	133.93	ng		0.00
44) 2-Fluorobiphenyl	9.32	172	2486017	86.53	ng		0.00
78) Terphenyl-d14	13.07	244	2256568	82.71	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.82	88	206077m	30.09	ng		
3) Pyridine	3.54	79	530087m	28.00	ng		
4) n-Nitrosodimethylamine	3.48	42	176535m	28.45	ng		
6) Aniline	6.63	93	343288	15.36	ng	#	79
8) 2-Chlorophenol	6.74	128	613838	41.32	ng		98
9) Benzaldehyde	6.50	77	140534	12.66	ng		99
10) Phenol	6.61	94	697551	35.09	ng		92
11) bis(2-Chloroethyl)ether	6.69	93	674861	45.36	ng		90
12) 1,3-Dichlorobenzene	6.89	146	636453	39.71	ng	#	91
13) 1,4-Dichlorobenzene	6.97	146	689535	42.17	ng		98
14) 1,2-Dichlorobenzene	7.13	146	609692	41.03	ng		95
15) Benzyl Alcohol	7.10	79	508823	37.61	ng		95
16) 2,2'-oxybis(1-Chloropropan	7.23	45	674364	31.63	ng		59
17) 2-Methylphenol	7.22	107	499867	41.38	ng		95
18) Hexachloroethane	7.46	117	238966	39.60	ng		94
19) n-Nitroso-di-n-propylamine	7.37	70	472294	42.02	ng	#	77
20) 3+4-Methylphenols	7.37	107	621996	40.66	ng	#	76
22) Acetophenone	7.37	105	889761	45.34	ng	#	90
24) Nitrobenzene	7.54	77	683573	38.78	ng	#	87
25) Isophorone	7.78	82	1229174	41.10	ng	#	94
26) 2-Nitrophenol	7.86	139	337476	41.96	ng		95
27) 2,4-Dimethylphenol	7.89	122	572881	41.91	ng		99
28) bis(2-Chloroethoxy)methane	7.98	93	809742	43.84	ng		97
29) 2,4-Dichlorophenol	8.10	162	531448	46.48	ng		94
30) 1,2,4-Trichlorobenzene	8.18	180	576370	43.89	ng		97
31) Naphthalene	8.26	128	1842432	41.49	ng		98
32) Benzoic acid	8.02	122	300656	27.87	ng		96
33) 4-Chloroaniline	8.31	127	190753	10.15	ng	#	88
34) Hexachlorobutadiene	8.37	225	299828	40.83	ng		99
35) Caprolactam	8.68	113	134891m	36.39	ng		
36) 4-Chloro-3-methylphenol	8.81	107	574030	42.99	ng		90
37) 2-Methylnaphthalene	8.95	142	1252260	42.01	ng		97
39) 1,2,4,5-Tetrachlorobenzene	9.11	216	558293	41.30	ng		99
40) Hexachlorocyclopentadiene	9.10	237	595207	88.71	ng		100

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.23	196	363014	39.83	ng		98
43) 2,4,5-Trichlorophenol	9.27	196	398009	44.13	ng		98
45) 1,1'-Biphenyl	9.41	154	1445620	39.20	ng		96
46) 2-Chloronaphthalene	9.45	162	1184422	43.17	ng		92
47) 2-Nitroaniline	9.54	65	359372	36.72	ng		96
48) Acenaphthylene	9.86	152	1801660	40.70	ng		98
49) Dimethylphthalate	9.72	163	1422601	43.81	ng		98
50) 2,6-Dinitrotoluene	9.78	165	304088	42.41	ng	#	85
51) Acenaphthene	10.03	154	1229491	41.44	ng		97
52) 3-Nitroaniline	9.95	138	139744	15.71	ng		97
53) 2,4-Dinitrophenol	10.05	184	269462	67.73	ng	#	73
54) Dibenzofuran	10.20	168	1608281	40.74	ng		96
55) 4-Nitrophenol	10.13	139	502173	72.64	ng	#	77
56) 2,4-Dinitrotoluene	10.19	165	450544	47.51	ng	#	81
57) Fluorene	10.54	166	1226269	38.05	ng		100
58) 2,3,4,6-Tetrachlorophenol	10.33	232	332651	44.22	ng		97
59) Diethylphthalate	10.42	149	1349104	40.85	ng		94
60) 4-Chlorophenyl-phenylether	10.53	204	627423	42.20	ng		97
61) 4-Nitroaniline	10.58	138	301654	33.23	ng		84
62) Azobenzene	10.69	77	1355148	37.57	ng		89
64) 4,6-Dinitro-2-methylphenol	10.60	198	181703	34.58	ng	#	42
65) n-Nitrosodiphenylamine	10.66	169	1123937	43.94	ng		98
66) 4-Bromophenyl-phenylether	11.02	248	376324	43.17	ng	#	89
67) Hexachlorobenzene	11.09	284	415578	43.16	ng	#	89
68) Atrazine	11.18	200	331005	41.81	ng		97
69) Pentachlorophenol	11.30	266	467807	81.64	ng		98
70) Phenanthrene	11.52	178	1951013	45.00	ng		96
71) Anthracene	11.56	178	1843376	41.97	ng		99
72) Carbazole	11.72	167	1798085	43.34	ng		97
73) Di-n-butylphthalate	12.04	149	2062791	41.29	ng		98
74) Fluoranthene	12.70	202	1984867	44.85	ng		89
76) Benzidine	12.82	184	373911	17.84	ng		99
77) Pyrene	12.93	202	2028359	48.60	ng		98
79) Butylbenzylphthalate	13.55	149	946529	48.45	ng		90
80) Benzo(a)anthracene	14.12	228	1709380	43.02	ng		99
81) 3,3'-Dichlorobenzidine	14.09	252	269406	18.84	ng	#	98
82) Chrysene	14.16	228	1513037	40.90	ng		99
83) Bis(2-ethylhexyl)phthalate	14.11	149	1312031	46.01	ng	#	96
84) Di-n-octyl phthalate	14.72	149	1980763	44.86	ng	#	85
85) Indeno(1,2,3-cd)pyrene	17.08	276	1202112	39.03	ng		98
87) Benzo(b)fluoranthene	15.17	252	1319111	43.93	ng	#	97
88) Benzo(k)fluoranthene	15.21	252	1383039m	51.70	ng		
89) Benzo(a)pyrene	15.54	252	1219157	46.23	ng	#	97
90) Dibenzo(a,h)anthracene	17.10	278	1028524	45.91	ng		99
91) Benzo(g,h,i)perylene	17.53	276	990864	47.83	ng		99

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

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