Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF062316\
Data File : BF088302.D
Acq On : 23 Jun 2016 21:43
Operator : UM/SJ
Sample : H3607-08MSD
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Jun 24 02:14:02 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 22 14:55:14 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.59	152	91633	20.00	ng		-0.01
21) Naphthalene-d8	7.88	136	381031	20.00	ng		-0.01
38) Acenaphthene-d10	9.63	164	176725	20.00	ng		-0.01
63) Phenanthrene-d10	11.11	188	318750	20.00	ng		-0.01
75) Chrysene-d12	13.74	240	193923	20.00	ng		-0.01
86) Perylene-d12	15.10	264	179297	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.20	112	357553	66.71	ng		0.02
7) Phenol-d6	6.27	99	281043	43.26	ng		0.01
23) Nitrobenzene-d5	7.18	82	517618	79.33	ng		0.00
41) 2,4,6-Tribromophenol	10.43	330	210214	112.65	ng		0.00
44) 2-Fluorobiphenyl	8.97	172	1028007	91.83	ng		0.00
78) Terphenyl-d14	12.69	244	717903	84.24	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.07	88	41237	15.83	ng	#	23
3) Pyridine	2.74	79	78810	12.82	ng		92
4) n-Nitrosodimethylamine	2.66	42	44654	17.15	ng		83
6) Aniline	6.26	93	201813	21.83	ng		97
8) 2-Chlorophenol	6.39	128	244699	38.57	ng		94
10) Phenol	6.28	94	135314	18.72	ng		76
11) bis(2-Chloroethyl)ether	6.34	93	271028	47.58	ng		88
12) 1,3-Dichlorobenzene	6.54	146	266039m	39.08	ng		
13) 1,4-Dichlorobenzene	6.62	146	275877	40.23	ng		97
14) 1,2-Dichlorobenzene	6.76	146	257119m	41.23	ng		
15) Benzyl Alcohol	6.76	79	148259	29.17	ng		97
16) 2,2'-oxybis(1-Chloropropan	6.89	45	283330	36.82	ng	#	28
17) 2-Methylphenol	6.89	107	162279	31.54	ng	#	81
18) Hexachloroethane	7.10	117	92750	38.12	ng	#	84
19) n-Nitroso-di-n-propylamine	7.03	70	191777	46.15	ng		91
20) 3+4-Methylphenols	7.05	107	195403	32.55	ng	#	78
22) Acetophenone	7.02	105	386030	45.33	ng	#	96
24) Nitrobenzene	7.20	77	284107	44.95	ng		96
25) Isophorone	7.44	82	528023	43.69	ng		95
26) 2-Nitrophenol	7.51	139	150021	44.31	ng		93
27) 2,4-Dimethylphenol	7.58	122	221298	35.50	ng		98
28) bis(2-Chloroethoxy)methane	7.66	93	344887	46.01	ng		98
29) 2,4-Dichlorophenol	7.77	162	224790	43.19	ng		93
30) 1,2,4-Trichlorobenzene	7.83	180	229687	40.53	ng		99
31) Naphthalene	7.91	128	810316	42.97	ng		99
32) Benzoic acid	7.71	122	43686	12.73	ng		87
33) 4-Chloroaniline	7.98	127	197496	23.46	ng	#	93
34) Hexachlorobutadiene	8.02	225	118061	39.50	ng		99
35) Caprolactam	8.38	113	13251	7.69	ng	#	74
36) 4-Chloro-3-methylphenol	8.47	107	231443	41.58	ng		94
37) 2-Methylnaphthalene	8.59	142	509778	41.02	ng	#	96
39) 1,2,4,5-Tetrachlorobenzene	8.76	216	223963	50.98	ng	#	1
40) Hexachlorocyclopentadiene	8.75	237	88192	30.94	ng		97
42) 2,4,6-Trichlorophenol	8.89	196	151991	43.01	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
43) 2,4,5-Trichlorophenol	8.95	196	147646	40.16	ng		96
45) 1,1'-Biphenyl	9.06	154	605018	45.71	ng		98
46) 2-Chloronaphthalene	9.08	162	483950	42.32	ng		100
47) 2-Nitroaniline	9.20	65	145233	43.05	ng	#	86
48) Acenaphthylene	9.50	152	753739	41.44	ng		99
49) Dimethylphthalate	9.38	163	638085	49.84	ng		99
50) 2,6-Dinitrotoluene	9.44	165	129783	44.27	ng	#	60
51) Acenaphthene	9.67	154	461368	40.66	ng		98
52) 3-Nitroaniline	9.61	138	81708	24.15	ng		96
53) 2,4-Dinitrophenol	9.72	184	120815	76.15	ng		98
54) Dibenzofuran	9.84	168	644792	41.26	ng	#	88
55) 4-Nitrophenol	9.83	139	73699m	28.07	ng		
56) 2,4-Dinitrotoluene	9.85	165	183377	48.67	ng		94
57) Fluorene	10.18	166	517947	49.53	ng		98
58) 2,3,4,6-Tetrachlorophenol	9.98	232	124116	42.95	ng	#	57
59) Diethylphthalate	10.07	149	578153	44.62	ng		98
60) 4-Chlorophenyl-phenylether	10.17	204	204981	39.44	ng		90
61) 4-Nitroaniline	10.24	138	128241	39.96	ng		92
62) Azobenzene	10.33	77	544265	42.47	ng		94
64) 4,6-Dinitro-2-methylphenol	10.26	198	91293	45.97	ng	#	62
65) n-Nitrosodiphenylamine	10.31	169	498397	47.12	ng		98
66) 4-Bromophenyl-phenylether	10.66	248	155609	45.50	ng		94
67) Hexachlorobenzene	10.72	284	153590	43.23	ng		94
68) Atrazine	10.83	200	140475	43.86	ng		90
69) Pentachlorophenol	10.94	266	133593	71.33	ng		98
70) Phenanthrene	11.13	178	757328	45.28	ng		100
71) Anthracene	11.19	178	769996	45.64	ng		99
72) Carbazole	11.35	167	729904	46.23	ng		99
73) Di-n-butylphthalate	11.68	149	874680	43.76	ng		100
74) Fluoranthene	12.32	202	765711	43.38	ng		95
77) Pyrene	12.54	202	716128	49.76	ng		100
79) Butylbenzylphthalate	13.17	149	342268	53.80	ng		90
80) Benzo(a)anthracene	13.73	228	489159	44.26	ng		100
81) 3,3'-Dichlorobenzidine	13.69	252	71914	24.20	ng	#	96
82) Chrysene	13.76	228	472453	45.44	ng		99
83) Bis(2-ethylhexyl)phthalate	13.73	149	395655	51.09	ng	#	100
84) Di-n-octyl phthalate	14.33	149	634237	50.40	ng	#	100
85) Indeno(1,2,3-cd)pyrene	16.35	276	542243	56.14	ng	#	100
87) Benzo(b)fluoranthene	14.73	252	588226m	47.07	ng		
88) Benzo(k)fluoranthene	14.75	252	359078m	38.09	ng		
89) Benzo(a)pyrene	15.04	252	453000	44.80	ng		97
90) Dibenzo(a,h)anthracene	16.35	278	455976	48.56	ng		98
91) Benzo(g,h,i)perylene	16.72	276	494673	51.21	ng		99

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

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