Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF091715\
Data File : BF081677.D
Acq On : 17 Sep 2015 13:53
Operator : UM/IZ
Sample : G3669-02MS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WC-91415-WATERMS

Quant Time: Sep 18 07:14:16 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF090115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 15 14:03:59 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.17	152	44907	20.00	ng		-0.04
21) Naphthalene-d8	11.08	136	175791	20.00	ng		-0.04
38) Acenaphthene-d10	15.20	164	84637	20.00	ng		-0.06
63) Phenanthrene-d10	18.71	188	172869	20.00	ng		-0.04
75) Chrysene-d12	23.35	240	139701	20.00	ng		-0.03
86) Perylene-d12	24.79	264	95474	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.36	112	330839	114.30	ng		0.01
7) Phenol-d6	7.61	99	457189	119.33	ng		-0.03
23) Nitrobenzene-d5	9.49	82	346682	95.15	ng		-0.04
41) 2,4,6-Tribromophenol	17.11	330	25932	34.41	ng		-0.06
44) 2-Fluorobiphenyl	13.72	172	614303	93.01	ng		-0.06
78) Terphenyl-d14	22.08	244	614164	102.34	ng		-0.03
Target Compounds							Qvalue
2) 1,4-Dioxane	1.60	88	45749m	35.19	ng		
3) Pyridine	2.12	79	91025	25.39	ng	#	81
4) n-Nitrosodimethylamine	2.09	42	93157	46.78	ng	#	63
6) Aniline	7.48	93	179304	33.14	ng	#	83
8) 2-Chlorophenol	7.73	128	127520	39.98	ng	#	77
9) Benzaldehyde	7.20	77	57747	24.06	ng	#	74
10) Phenol	7.64	94	163075	36.70	ng	#	56
11) bis(2-Chloroethyl)ether	7.72	93	140819	43.93	ng	#	76
12) 1,3-Dichlorobenzene	8.04	146	135974	39.90	ng	#	90
13) 1,4-Dichlorobenzene	8.22	146	138682	39.97	ng	#	90
14) 1,2-Dichlorobenzene	8.54	146	134144	42.94	ng	#	91
15) Benzyl Alcohol	8.62	79	140694	44.77	ng	#	70
16) 2,2'-oxybis(1-Chloropropan	8.94	45	291342	47.42	ng		91
17) 2-Methylphenol	8.96	107	106817	41.97	ng	#	77
18) Hexachloroethane	9.27	117	56458	41.82	ng	#	88
19) n-Nitroso-di-n-propylamine	9.25	70	115248	44.20	ng	#	91
20) 3+4-Methylphenols	9.34	107	136930	39.91	ng		85
22) Acetophenone	9.17	105	208376	43.40	ng	#	73
24) Nitrobenzene	9.52	77	172285	45.53	ng	#	61
25) Isophorone	10.12	82	299669	44.22	ng	#	84
26) 2-Nitrophenol	10.26	139	16287	9.88	ng	#	36
27) 2,4-Dimethylphenol	10.53	122	119061	41.80	ng	#	77
28) bis(2-Chloroethoxy)methane	10.72	93	176271	45.03	ng	#	92
29) 2,4-Dichlorophenol	10.87	162	83356	33.75	ng		92
30) 1,2,4-Trichlorobenzene	10.98	180	118734	44.25	ng		97
31) Naphthalene	11.13	128	703989	75.09	ng		99
33) 4-Chloroaniline	11.36	127	153711	40.20	ng	#	82
34) Hexachlorobutadiene	11.48	225	76028	46.56	ng		96
35) Caprolactam	12.24	113	26768	35.33	ng	#	16
36) 4-Chloro-3-methylphenol	12.68	107	127625	46.16	ng	#	75
37) 2-Methylnaphthalene	12.78	142	299628	49.11	ng	#	87
39) 1,2,4,5-Tetrachlorobenzene	13.18	216	117234	43.80	ng		98
40) Hexachlorocyclopentadiene	13.17	237	74844	56.98	ng		95
42) 2,4,6-Trichlorophenol	13.55	196	30374	16.44	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
43) 2,4,5-Trichlorophenol	13.65	196	43074	22.86	ng	#	89
45) 1,1'-Biphenyl	13.92	154	337350	43.32	ng		97
46) 2-Chloronaphthalene	13.91	162	245823	43.72	ng	#	87
47) 2-Nitroaniline	14.25	65	110643	48.28	ng	#	57
48) Acenaphthylene	14.86	152	457857	45.90	ng		98
49) Dimethylphthalate	14.80	163	296607	45.11	ng	#	97
50) 2,6-Dinitrotoluene	14.89	165	61357	41.11	ng	#	15
51) Acenaphthene	15.28	154	251712	44.35	ng		92
52) 3-Nitroaniline	15.26	138	68197	40.14	ng	#	41
54) Dibenzofuran	15.71	168	377556	45.56	ng	#	83
56) 2,4-Dinitrotoluene	15.84	165	71421	37.58	ng	#	45
57) Fluorene	16.52	166	309413	49.20	ng		97
58) 2,3,4,6-Tetrachlorophenol	16.08	232	11925	8.29	ng	#	91
59) Diethylphthalate	16.48	149	327899	47.40	ng		95
60) 4-Chlorophenyl-phenylether	16.61	204	142408	48.59	ng	#	81
61) 4-Nitroaniline	16.72	138	69408	40.43	ng	#	20
62) Azobenzene	16.97	77	374224	48.66	ng		81
65) n-Nitrosodiphenylamine	16.93	169	254022	40.38	ng		92
66) 4-Bromophenyl-phenylether	17.75	248	79149	45.28	ng	#	87
67) Hexachlorobenzene	17.81	284	82534	45.16	ng	#	90
68) Atrazine	18.35	200	80755	44.36	ng		83
70) Phenanthrene	18.77	178	448331	46.65	ng		97
71) Anthracene	18.89	178	436643	44.22	ng		98
72) Carbazole	19.36	167	412485	44.52	ng		96
73) Di-n-butylphthalate	20.41	149	505515	46.20	ng	#	98
74) Fluoranthene	21.40	202	478936	46.03	ng		86
76) Benzidine	21.72	184	295914	49.34	ng		97
77) Pyrene	21.74	202	464405	44.88	ng		98
79) Butylbenzylphthalate	22.77	149	195676	43.48	ng	#	72
80) Benzo(a)anthracene	23.34	228	394945	44.39	ng		97
81) 3,3'-Dichlorobenzidine	23.35	252	115544	38.50	ng	#	94
82) Chrysene	23.39	228	350848	43.99	ng		94
83) Bis(2-ethylhexyl)phthalate	23.47	149	267793	45.09	ng	#	90
84) Di-n-octyl phthalate	24.12	149	403950	41.31	ng		96
85) Indeno(1,2,3-cd)pyrene	25.82	276	224043	38.29	ng	#	83
87) Benzo(b)fluoranthene	24.45	252	294048m	43.14	ng		
88) Benzo(k)fluoranthene	24.47	252	286568m	50.67	ng		
89) Benzo(a)pyrene	24.75	252	287884	49.84	ng	#	82
90) Dibenzo(a,h)anthracene	25.83	278	185508	41.56	ng	#	81
91) Benzo(g,h,i)perylene	26.12	276	173526	40.74	ng	#	74

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

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