Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF050415\
Data File : BF078919.D
Acq On : 4 May 2015 15:29
Operator : TP/IZ
Sample : G2096-01MSD
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : FK-BPM-01-AA1-AA2-BB1-BB2MSD

Quant Time: May 05 02:06:12 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF043015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 05 00:58:01 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.36	152	72550	20.00	ng		0.00
21) Naphthalene-d8	8.94	136	311822	20.00	ng		0.00
38) Acenaphthene-d10	11.11	164	153662	20.00	ng		-0.01
63) Phenanthrene-d10	12.96	188	302624	20.00	ng		0.00
75) Chrysene-d12	16.26	240	305823	20.00	ng		-0.06
86) Perylene-d12	18.07	264	309413	20.00	ng		-0.17
System Monitoring Compounds							
5) 2-Fluorophenol	5.66	112	516213	122.48	ng		0.01
7) Phenol-d6	6.90	99	654037	117.40	ng		0.00
23) Nitrobenzene-d5	8.04	82	374195	68.97	ng		0.00
41) 2,4,6-Tribromophenol	12.09	330	199696	120.13	ng		0.00
44) 2-Fluorobiphenyl	10.28	172	776349	70.39	ng		0.00
78) Terphenyl-d14	14.96	244	923464m	72.29	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.34	88	54085	29.51	ng	#	28
3) Pyridine	3.12	79	116113	21.65	ng		98
4) n-Nitrosodimethylamine	3.02	42	79294m	34.51	ng		
6) Aniline	6.95	93	136876	17.41	ng		98
8) 2-Chlorophenol	7.08	128	170552	35.68	ng		99
9) Benzaldehyde	6.81	77	79707	21.24	ng		95
10) Phenol	6.92	94	224109	34.68	ng		91
11) bis(2-Chloroethyl)ether	7.04	93	160007	33.77	ng		98
12) 1,3-Dichlorobenzene	7.28	146	173637	32.32	ng		97
13) 1,4-Dichlorobenzene	7.38	146	178269	32.24	ng		97
14) 1,2-Dichlorobenzene	7.56	146	173927	33.79	ng		98
15) Benzyl Alcohol	7.53	79	146465	35.42	ng		97
16) 2,2'-oxybis(1-Chloropropan	7.71	45	246759	34.04	ng		99
17) 2-Methylphenol	7.67	107	135486	35.22	ng		97
18) Hexachloroethane	7.98	117	60876	31.96	ng	#	77
19) n-Nitroso-di-n-propylamine	7.86	70	125964	33.48	ng		96
20) 3+4-Methylphenols	7.86	107	179060	34.93	ng		93
22) Acetophenone	7.86	105	247522	35.14	ng		99
24) Nitrobenzene	8.07	77	174711	32.49	ng		96
25) Isophorone	8.36	82	327276	32.54	ng		99
26) 2-Nitrophenol	8.47	139	71094	31.94	ng		96
27) 2,4-Dimethylphenol	8.51	122	153221	34.40	ng		99
28) bis(2-Chloroethoxy)methane	8.65	93	206090	33.24	ng		99
29) 2,4-Dichlorophenol	8.75	162	142676	36.02	ng		97
30) 1,2,4-Trichlorobenzene	8.87	180	142851	32.83	ng		98
31) Naphthalene	8.96	128	499099	33.59	ng		99
32) Benzoic acid	8.60	122	69766	28.03	ng		98
33) 4-Chloroaniline	9.03	127	113026	17.98	ng		98
34) Hexachlorobutadiene	9.12	225	78021	31.14	ng		98
35) Caprolactam	9.45	113	44578	34.81	ng		97
36) 4-Chloro-3-methylphenol	9.63	107	147566	35.47	ng	#	82
37) 2-Methylnaphthalene	9.82	142	348442	33.84	ng		98
39) 1,2,4,5-Tetrachlorobenzene	10.02	216	138344	31.97	ng	#	100
40) Hexachlorocyclopentadiene	10.01	237	144670	66.48	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	10.17	196	98884	33.24	ng		96
43) 2,4,5-Trichlorophenol	10.20	196	102815	34.18	ng	#	92
45) 1,1'-Biphenyl	10.40	154	411852	33.71	ng		100
46) 2-Chloronaphthalene	10.42	162	320053	33.59	ng		98
47) 2-Nitroaniline	10.55	65	94792	34.33	ng		94
48) Acenaphthylene	10.94	152	522968	33.43	ng		99
49) Dimethylphthalate	10.79	163	418789	37.13	ng		100
50) 2,6-Dinitrotoluene	10.86	165	75898	34.10	ng		93
51) Acenaphthene	11.15	154	306646	32.87	ng		98
52) 3-Nitroaniline	11.06	138	68047	24.48	ng	#	98
53) 2,4-Dinitrophenol	11.19	184	48176	61.08	ng	#	88
54) Dibenzofuran	11.37	168	470259	34.90	ng		95
55) 4-Nitrophenol	11.26	139	146386	66.52	ng	#	71
56) 2,4-Dinitrotoluene	11.35	165	101937	34.65	ng		93
57) Fluorene	11.79	166	376745	34.06	ng		99
58) 2,3,4,6-Tetrachlorophenol	11.52	232	82648	33.62	ng	#	100
59) Diethylphthalate	11.67	149	380428	34.05	ng		99
60) 4-Chlorophenyl-phenylether	11.80	204	163167	33.25	ng		94
61) 4-Nitroaniline	11.82	138	94225	33.88	ng		94
62) Azobenzene	12.00	77	386729	35.13	ng		94
64) 4,6-Dinitro-2-methylphenol	11.85	198	37065	33.55	ng		98
65) n-Nitrosodiphenylamine	11.94	169	323032	32.05	ng		98
66) 4-Bromophenyl-phenylether	12.41	248	104599	33.16	ng		92
67) Hexachlorobenzene	12.47	284	116280	32.25	ng	#	86
68) Atrazine	12.62	200	105876	36.13	ng		98
69) Pentachlorophenol	12.72	266	122479	59.94	ng		97
70) Phenanthrene	12.98	178	528613	31.22	ng		99
71) Anthracene	13.05	178	543280	32.71	ng		99
72) Carbazole	13.26	167	555278	35.08	ng		98
73) Di-n-butylphthalate	13.70	149	635013	33.45	ng		99
74) Fluoranthene	14.47	202	592286	33.57	ng		94
76) Benzidine	14.64	184	128542m	15.60	ng		
77) Pyrene	14.74	202	605293m	34.35	ng		
79) Butylbenzylphthalate	15.58	149	274385	35.62	ng	#	82
80) Benzo(a)anthracene	16.25	228	561606	33.53	ng		99
81) 3,3'-Dichlorobenzidine	16.23	252	153279	25.69	ng	#	98
82) Chrysene	16.30	228	522579	32.44	ng		100
83) Bis(2-ethylhexyl)phthalate	16.31	149	418124	35.83	ng		98
84) Di-n-octyl phthalate	17.13	149	688453	33.50	ng	#	100
85) Indeno(1,2,3-cd)pyrene	19.58	276	641478	31.26	ng	#	100
87) Benzo(b)fluoranthene	17.60	252	611876	36.13	ng		99
88) Benzo(k)fluoranthene	17.63	252	472563m	28.82	ng		
89) Benzo(a)pyrene	18.00	252	524105	33.61	ng	#	96
90) Dibenzo(a,h)anthracene	19.61	278	506006	30.53	ng		98
91) Benzo(g,h,i)perylene	20.02	276	520362	31.33	ng		97

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

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