Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF050715\
Data File : BF078997.D
Acq On : 7 May 2015 15:50
Operator : TP/IZ
Sample : G2035-04MSD
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-3-D2MSD

Quant Time: May 08 01:05:47 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF043015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 08 00:46:40 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.35	152	80185	20.00	ng		0.01
21) Naphthalene-d8	8.92	136	333469	20.00	ng		0.01
38) Acenaphthene-d10	11.10	164	168111	20.00	ng		0.00
63) Phenanthrene-d10	12.95	188	327929	20.00	ng		0.01
75) Chrysene-d12	16.26	240	340309	20.00	ng		-0.01
86) Perylene-d12	18.09	264	344644	20.00	ng		-0.05
System Monitoring Compounds							
5) 2-Fluorophenol	5.64	112	521473	111.95	ng		0.01
7) Phenol-d6	6.90	99	697149	113.22	ng		0.01
23) Nitrobenzene-d5	8.03	82	413319	71.23	ng		0.00
41) 2,4,6-Tribromophenol	12.08	330	200913	110.47	ng		0.00
44) 2-Fluorobiphenyl	10.26	172	719597	59.64	ng		0.00
78) Terphenyl-d14	14.94	244	811444	57.09	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.31	88	45899	22.66	ng	#	33
3) Pyridine	3.08	79	139949	23.61	ng		91
4) n-Nitrosodimethylamine	2.98	42	77367	30.46	ng		84
6) Aniline	6.95	93	191337	22.01	ng		98
8) 2-Chlorophenol	7.07	128	195932	37.08	ng		99
9) Benzaldehyde	6.79	77	16290	3.93	ng		85
10) Phenol	6.92	94	257057	35.99	ng		93
11) bis(2-Chloroethyl)ether	7.03	93	182655	34.88	ng		97
12) 1,3-Dichlorobenzene	7.27	146	200971	33.84	ng	#	92
13) 1,4-Dichlorobenzene	7.36	146	197115	32.25	ng		94
14) 1,2-Dichlorobenzene	7.54	146	195551	34.37	ng		95
15) Benzyl Alcohol	7.52	79	165856	36.29	ng		97
16) 2,2'-oxybis(1-Chloropropan	7.70	45	288878	36.06	ng		98
17) 2-Methylphenol	7.67	107	164702	38.74	ng		97
18) Hexachloroethane	7.96	117	62288	29.59	ng		91
19) n-Nitroso-di-n-propylamine	7.85	70	143065	34.40	ng		97
20) 3+4-Methylphenols	7.86	107	217260	38.35	ng	#	48
22) Acetophenone	7.85	105	290696	38.58	ng		96
24) Nitrobenzene	8.06	77	212451	36.94	ng		94
25) Isophorone	8.35	82	375313	34.89	ng		99
26) 2-Nitrophenol	8.44	139	90441	37.99	ng	#	72
27) 2,4-Dimethylphenol	8.51	122	189571	39.80	ng		95
28) bis(2-Chloroethoxy)methane	8.63	93	235380	35.50	ng		98
29) 2,4-Dichlorophenol	8.75	162	164177	38.76	ng		94
30) 1,2,4-Trichlorobenzene	8.86	180	167849	36.07	ng		97
31) Naphthalene	8.95	128	592267	37.27	ng		99
32) Benzoic acid	8.62	122	114493	39.64	ng		99
33) 4-Chloroaniline	9.02	127	161601	24.04	ng		97
34) Hexachlorobutadiene	9.10	225	92525	34.53	ng		97
35) Caprolactam	9.45	113	54355	39.68	ng	#	82
36) 4-Chloro-3-methylphenol	9.62	107	184267	41.42	ng		95
37) 2-Methylnaphthalene	9.80	142	419690	38.12	ng		98
39) 1,2,4,5-Tetrachlorobenzene	10.01	216	166255	35.11	ng	#	100
40) Hexachlorocyclopentadiene	10.00	237	19585	8.23	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	10.16	196	116577	35.81	ng		98
43) 2,4,5-Trichlorophenol	10.20	196	123635	37.57	ng	#	91
45) 1,1'-Biphenyl	10.39	154	490721	36.72	ng		97
46) 2-Chloronaphthalene	10.41	162	370899	35.58	ng		96
47) 2-Nitroaniline	10.54	65	119902	39.70	ng		95
48) Acenaphthylene	10.92	152	604456	35.32	ng		99
49) Dimethylphthalate	10.78	163	465023	37.69	ng		100
50) 2,6-Dinitrotoluene	10.84	165	85785	35.23	ng		89
51) Acenaphthene	11.14	154	344693	33.77	ng		100
52) 3-Nitroaniline	11.05	138	97611	32.09	ng	#	97
53) 2,4-Dinitrophenol	11.19	184	11864	22.70	ng	#	73
54) Dibenzofuran	11.35	168	529371	35.91	ng		96
55) 4-Nitrophenol	11.27	139	181399	75.35	ng		87
56) 2,4-Dinitrotoluene	11.35	165	117686	36.56	ng	#	72
57) Fluorene	11.78	166	432391	35.73	ng		99
58) 2,3,4,6-Tetrachlorophenol	11.51	232	98361	36.58	ng	#	100
59) Diethylphthalate	11.66	149	420444	34.40	ng		98
60) 4-Chlorophenyl-phenylether	11.78	204	182536	34.00	ng		92
61) 4-Nitroaniline	11.81	138	105467	34.66	ng		92
62) Azobenzene	11.98	77	428368	35.57	ng		94
64) 4,6-Dinitro-2-methylphenol	11.85	198	11359	12.29	ng	#	78
65) n-Nitrosodiphenylamine	11.93	169	364133	33.34	ng		98
66) 4-Bromophenyl-phenylether	12.40	248	116594	34.11	ng	#	85
67) Hexachlorobenzene	12.46	284	131131	33.57	ng	#	91
68) Atrazine	12.61	200	108571	34.19	ng		100
69) Pentachlorophenol	12.71	266	137594	61.89	ng		97
70) Phenanthrene	12.97	178	645862	35.21	ng		100
71) Anthracene	13.04	178	644672	35.82	ng		100
72) Carbazole	13.25	167	633894	36.95	ng		99
73) Di-n-butylphthalate	13.69	149	716023	34.81	ng		99
74) Fluoranthene	14.46	202	752089	39.34	ng		98
76) Benzidine	14.63	184	142898	15.58	ng		98
77) Pyrene	14.74	202	770671	39.30	ng		99
79) Butylbenzylphthalate	15.57	149	339568	39.61	ng	#	86
80) Benzo(a)anthracene	16.25	228	711016	38.15	ng		99
81) 3,3'-Dichlorobenzidine	16.23	252	230484	34.72	ng		100
82) Chrysene	16.30	228	645994	36.04	ng		99
83) Bis(2-ethylhexyl)phthalate	16.30	149	467503	36.01	ng	#	97
84) Di-n-octyl phthalate	17.13	149	845353	36.97	ng	#	100
85) Indeno(1,2,3-cd)pyrene	19.61	276	766423	33.56	ng	#	100
87) Benzo(b)fluoranthene	17.62	252	748930	39.70	ng	#	97
88) Benzo(k)fluoranthene	17.66	252	682983	37.40	ng	#	96
89) Benzo(a)pyrene	18.02	252	684136	39.39	ng	#	94
90) Dibenzo(a,h)anthracene	19.65	278	603937	32.72	ng		100
91) Benzo(g,h,i)perylene	20.06	276	629753	34.04	ng		96

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

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