Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF011915\
Data File : BF076949.D
Acq On : 20 Jan 2015 4:35
Operator : IZ / TP
Sample : G1078-01MSD
Misc : W
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : S-1MSD

Quant Time: Jan 20 06:04:46 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF011415.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jan 20 05:54:49 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.98	152	37244	20.00	ng		0.00
21) Naphthalene-d8	10.88	136	147716	20.00	ng		0.00
38) Acenaphthene-d10	15.02	164	81213	20.00	ng		0.00
63) Phenanthrene-d10	17.77	188	133319	20.00	ng		0.00
75) Chrysene-d12	21.28	240	129659	20.00	ng		0.00
86) Perylene-d12	22.96	264	116119	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.04	112	116276	51.33	ng		0.00
7) Phenol-d6	7.37	99	87576	30.65	ng		0.00
23) Nitrobenzene-d5	9.27	82	214956	80.62	ng		0.00
41) 2,4,6-Tribromophenol	16.69	330	74958	113.71	ng		0.00
44) 2-Fluorobiphenyl	13.53	172	431514	80.86	ng		0.00
78) Terphenyl-d14	20.00	244	397646	70.60	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	1.29	88	13955	14.39	ng		97
3) Pyridine	1.80	79	36575	14.57	ng		95
4) n-Nitrosodimethylamine	1.74	42	19861	15.97	ng	#	97
6) Aniline	7.26	93	44982	11.37	ng		94
8) 2-Chlorophenol	7.50	128	75186	28.79	ng		93
9) Benzaldehyde	6.98	77	37423	20.90	ng		96
10) Phenol	7.40	94	33331	10.98	ng		85
11) bis(2-Chloroethyl)ether	7.51	93	92299	38.87	ng	#	85
12) 1,3-Dichlorobenzene	7.82	146	106168	35.73	ng		96
13) 1,4-Dichlorobenzene	8.01	146	107747	34.20	ng		98
14) 1,2-Dichlorobenzene	8.33	146	104558	36.02	ng		98
15) Benzyl Alcohol	8.40	79	53046	22.94	ng		96
16) 2,2'-oxybis(1-Chloropropan	8.76	45	117925	36.95	ng		85
17) 2-Methylphenol	8.76	107	50006	23.43	ng	#	89
18) Hexachloroethane	9.08	117	42249	38.55	ng		97
19) n-Nitroso-di-n-propylamine	9.04	70	72598	36.29	ng		98
20) 3+4-Methylphenols	9.13	107	55103	19.50	ng		93
22) Acetophenone	8.96	105	169922	46.96	ng		95
24) Nitrobenzene	9.32	77	112399	41.38	ng		99
25) Isophorone	9.91	82	190918	39.32	ng		99
26) 2-Nitrophenol	10.06	139	47399	34.59	ng		96
27) 2,4-Dimethylphenol	10.33	122	72520	34.53	ng		98
28) bis(2-Chloroethoxy)methane	10.54	93	116771	42.31	ng		98
29) 2,4-Dichlorophenol	10.65	162	72227	36.89	ng		97
30) 1,2,4-Trichlorobenzene	10.79	180	84421	38.83	ng		93
31) Naphthalene	10.93	128	424396	55.80	ng		98
32) Benzoic acid	10.62	122	11025	9.47	ng	#	80
33) 4-Chloroaniline	11.18	127	46659	15.18	ng		95
34) Hexachlorobutadiene	11.29	225	49864	38.65	ng		96
35) Caprolactam	12.01	113	3113	5.40	ng	#	78
36) 4-Chloro-3-methylphenol	12.46	107	83891	37.43	ng		93
37) 2-Methylnaphthalene	12.59	142	385079	74.14	ng		96
39) 1,2,4,5-Tetrachlorobenzene	12.99	216	82179	40.93	ng		97
40) Hexachlorocyclopentadiene	12.97	237	86005	79.59	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.33	196	52895	36.16	ng		93
43) 2,4,5-Trichlorophenol	13.42	196	53863	36.10	ng	#	96
45) 1,1'-Biphenyl	13.74	154	272079	45.19	ng		96
46) 2-Chloronaphthalene	13.72	162	193615	39.08	ng		99
47) 2-Nitroaniline	14.06	65	63330	42.14	ng		89
48) Acenaphthylene	14.67	152	309000	36.98	ng		98
49) Dimethylphthalate	14.61	163	229878	39.91	ng		100
50) 2,6-Dinitrotoluene	14.71	165	47356	41.15	ng		95
51) Acenaphthene	15.09	154	182069	38.40	ng		96
52) 3-Nitroaniline	15.05	138	24731	17.65	ng	#	94
53) 2,4-Dinitrophenol	15.34	184	39785	74.60	ng		97
54) Dibenzofuran	15.51	168	284193	41.15	ng		97
55) 4-Nitrophenol	15.66	139	23425	25.95	ng		94
56) 2,4-Dinitrotoluene	15.64	165	69186	40.45	ng		93
57) Fluorene	16.23	166	243700	41.64	ng		97
58) 2,3,4,6-Tetrachlorophenol	15.85	232	43486	40.03	ng		97
59) Diethylphthalate	16.22	149	237682	40.83	ng		99
60) 4-Chlorophenyl-phenylether	16.32	204	95469	39.88	ng		91
61) 4-Nitroaniline	16.37	138	45641	31.96	ng		95
62) Azobenzene	16.60	77	241236	39.78	ng		98
64) 4,6-Dinitro-2-methylphenol	16.44	198	28899	34.71	ng		75
65) n-Nitrosodiphenylamine	16.56	169	183069	38.51	ng		97
66) 4-Bromophenyl-phenylether	17.16	248	54985	40.71	ng		92
67) Hexachlorobenzene	17.18	284	57054	40.08	ng	#	87
68) Atrazine	17.53	200	66715	46.25	ng		98
69) Pentachlorophenol	17.53	266	48121	74.25	ng		97
70) Phenanthrene	17.82	178	354933	42.69	ng		98
71) Anthracene	17.89	178	314383	38.78	ng		100
72) Carbazole	18.17	167	310005	39.42	ng		98
73) Di-n-butylphthalate	18.76	149	399471	43.89	ng		98
74) Fluoranthene	19.45	202	337022	39.56	ng		99
76) Benzidine	19.69	184	23810	5.74	ng		99
77) Pyrene	19.74	202	342811	38.58	ng		99
79) Butylbenzylphthalate	20.67	149	166764	41.44	ng		91
80) Benzo(a)anthracene	21.27	228	309065	37.99	ng		100
81) 3,3'-Dichlorobenzidine	21.27	252	62468	24.16	ng		100
82) Chrysene	21.31	228	276624	37.29	ng		97
83) Bis(2-ethylhexyl)phthalate	21.41	149	268058	48.14	ng		100
84) Di-n-octyl phthalate	22.19	149	416921	43.14	ng		99
85) Indeno(1,2,3-cd)pyrene	24.11	276	294176	37.42	ng	#	84
87) Benzo(b)fluoranthene	22.54	252	305730	39.09	ng	#	95
88) Benzo(k)fluoranthene	22.56	252	263401m	38.55	ng		
89) Benzo(a)pyrene	22.89	252	271234	39.32	ng	#	97
90) Dibenzo(a,h)anthracene	24.14	278	247782	39.15	ng		98
91) Benzo(g,h,i)perylene	24.41	276	246386	39.15	ng		99

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

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