Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051316\
Data File : BF087007.D
Acq On : 14 May 2016 8:58
Operator : UM/SJ
Sample : H2989-02MSD
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-2MSD

Manual Integrations APPROVED
sohil
5/16/2016 6:57:17 PM

Quant Time: May 16 01:31:32 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF050916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon May 16 01:11:12 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.62	152	142154	20.00	ng		0.00
21) Naphthalene-d8	7.90	136	574315	20.00	ng		-0.01
38) Acenaphthene-d10	9.64	164	124032	20.00	ng		-0.01
63) Phenanthrene-d10	11.13	188	417393	20.00	ng		0.00
75) Chrysene-d12	13.75	240	127114	20.00	ng		-0.01
86) Perylene-d12	15.11	264	5069	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.23	112	1115042	132.84	ng		0.03
7) Phenol-d6	6.28	99	884426	78.84	ng		0.00
23) Nitrobenzene-d5	7.19	82	1011739	88.46	ng		0.00
41) 2,4,6-Tribromophenol	10.44	330	455317	346.75	ng		0.00
44) 2-Fluorobiphenyl	8.98	172	1560662	211.47	ng		0.00
78) Terphenyl-d14	12.71	244	1288256	215.03	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.25	88	215484	52.29	ng	#	72
4) n-Nitrosodimethylamine	2.80	42	201610	27.60	ng	#	51
6) Aniline	6.36	93	451712	33.29	ng	#	53
8) 2-Chlorophenol	6.41	128	429047	42.36	ng		93
9) Benzaldehyde	6.17	77	35257	5.43	ng		97
10) Phenol	6.30	94	380506	28.54	ng	#	69
11) bis(2-Chloroethyl)ether	6.36	93	451712	43.45	ng		91
12) 1,3-Dichlorobenzene	6.55	146	421756m	38.48	ng		
13) 1,4-Dichlorobenzene	6.63	146	431326m	38.59	ng		
14) 1,2-Dichlorobenzene	6.79	146	421295	43.24	ng		98
15) Benzyl Alcohol	6.76	79	29730	3.84	ng	#	45
16) 2,2'-oxybis(1-Chloropropan	6.90	45	913964	40.43	ng		83
17) 2-Methylphenol	6.90	107	235387	29.21	ng	#	70
18) Hexachloroethane	7.12	117	169774	40.37	ng		98
19) n-Nitroso-di-n-propylamine	7.05	70	252598	32.22	ng	#	78
20) 3+4-Methylphenols	7.06	107	317366	30.15	ng	#	61
22) Acetophenone	7.04	105	664366	48.97	ng	#	96
24) Nitrobenzene	7.21	77	569168	48.37	ng		96
25) Isophorone	7.45	82	848746	40.00	ng		98
26) 2-Nitrophenol	7.53	139	237943	46.01	ng		97
27) 2,4-Dimethylphenol	7.59	122	269778	30.62	ng		92
28) bis(2-Chloroethoxy)methane	7.67	93	77315	6.75	ng		98
29) 2,4-Dichlorophenol	7.78	162	370277	47.75	ng		95
30) 1,2,4-Trichlorobenzene	7.85	180	384250	44.32	ng		99
31) Naphthalene	7.92	128	1233525	42.88	ng		99
32) Benzoic acid	7.74	122	263844	50.99	ng	#	82
33) 4-Chloroaniline	7.92	127	165822	14.84	ng	#	34
34) Hexachlorobutadiene	8.04	225	228027	45.33	ng		98
35) Caprolactam	8.38	113	62537	23.70	ng	#	67
36) 4-Chloro-3-methylphenol	8.49	107	331199	35.22	ng		93
37) 2-Methylnaphthalene	8.62	142	870349	51.75	ng		97
39) 1,2,4,5-Tetrachlorobenzene	8.79	216	345773	95.88	ng		97
40) Hexachlorocyclopentadiene	8.76	237	310332	181.30	ng		97
42) 2,4,6-Trichlorophenol	8.90	196	241946	100.33	ng		94

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
43) 2,4,5-Trichlorophenol	8.96	196	266196	106.74	ng		95
45) 1,1'-Biphenyl	9.08	154	1086369	110.12	ng		100
46) 2-Chloronaphthalene	9.11	162	789765	102.18	ng		98
47) 2-Nitroaniline	9.21	65	77405	27.40	ng	#	77
48) Acenaphthylene	9.51	152	318142	27.98	ng		99
49) Dimethylphthalate	9.39	163	754136	79.69	ng		100
50) 2,6-Dinitrotoluene	9.45	165	192491	96.66	ng	#	66
51) Acenaphthene	9.68	154	400634	56.65	ng		98
52) 3-Nitroaniline	9.63	138	13716	6.54	ng	#	79
53) 2,4-Dinitrophenol	9.74	184	224778	207.33	ng	#	83
54) Dibenzofuran	9.86	168	1042267	114.81	ng		100
55) 4-Nitrophenol	9.82	139	184404m	128.95	ng		
56) 2,4-Dinitrotoluene	9.86	165	278271	112.91	ng		92
57) Fluorene	10.19	166	688504	88.93	ng		99
58) 2,3,4,6-Tetrachlorophenol	9.99	232	219908	117.13	ng		98
59) Diethylphthalate	10.09	149	710634	77.06	ng		96
60) 4-Chlorophenyl-phenylether	10.19	204	370611	Below Cal			96
61) 4-Nitroaniline	10.24	138	28436	14.12	ng	#	77
62) Azobenzene	10.35	77	176503	17.74	ng		87
64) 4,6-Dinitro-2-methylphenol	10.26	198	153560	59.22	ng	#	64
65) n-Nitrosodiphenylamine	10.32	169	88997	6.94	ng		98
66) 4-Bromophenyl-phenylether	10.68	248	238356	56.32	ng	#	78
67) Hexachlorobenzene	10.74	284	279702	56.55	ng	#	79
68) Atrazine	10.95	200	60005	14.01	ng	#	36
69) Pentachlorophenol	10.95	266	297419	130.12	ng		97
70) Phenanthrene	11.15	178	1179377	52.95	ng		100
71) Anthracene	11.20	178	824136	36.18	ng		98
73) Di-n-butylphthalate	11.70	149	940930	39.35	ng	#	99
74) Fluoranthene	12.33	202	735701	32.11	ng		96
77) Pyrene	12.56	202	387186	39.79	ng		99
79) Butylbenzylphthalate	13.19	149	60251	14.64	ng	#	85
80) Benzo(a)anthracene	13.74	228	391729	54.90	ng		99
82) Chrysene	13.78	228	554726	76.42	ng		99
83) Bis(2-ethylhexyl)phthalate	13.75	149	477000	96.34	ng	#	95
84) Di-n-octyl phthalate	14.35	149	652000	79.49	ng	#	85
85) Indeno(1,2,3-cd)pyrene	16.35	276	147387	24.40	ng		97
87) Benzo(b)fluoranthene	14.74	252	319627m	970.22	ng		
88) Benzo(k)fluoranthene	14.77	252	174281m	646.09	ng		
89) Benzo(a)pyrene	15.05	252	141893	499.36	ng		96
90) Dibenzo(a,h)anthracene	16.37	278	257812	1076.54	ng	#	94
91) Benzo(g,h,i)perylene	16.72	276	179701	738.50	ng	#	93

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

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