Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF052416\
Data File : BF087355.D
Acq On : 25 May 2016 00:49
Operator : UM/SJ
Sample : H3191-01MSD
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CHS-STA-1711(0-4)MSD

Quant Time: May 25 15:52:33 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF052316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 25 00:58:25 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.56	152	118313	20.00	ng		0.00
21) Naphthalene-d8	9.59	136	476469	20.00	ng		-0.01
38) Acenaphthene-d10	12.42	164	233267	20.00	ng		0.00
63) Phenanthrene-d10	14.82	188	454212	20.00	ng		0.00
75) Chrysene-d12	18.51	240	362769	20.00	ng		0.00
86) Perylene-d12	20.18	264	256777	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.50	112	925612	137.47	ng		0.03
7) Phenol-d6	7.11	99	1158990	127.39	ng		0.00
23) Nitrobenzene-d5	8.48	82	917177	97.01	ng		-0.01
41) 2,4,6-Tribromophenol	13.73	330	346320	154.49	ng		0.00
44) 2-Fluorobiphenyl	11.37	172	1519907	91.86	ng		-0.01
78) Terphenyl-d14	17.17	244	1541348	90.33	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.07	88	125897	35.44	ng	#	70
3) Pyridine	2.67	79	214864m	27.66	ng		
4) n-Nitrosodimethylamine	2.58	42	265244	44.32	ng	#	48
6) Aniline	7.08	93	171019	14.53	ng		92
8) 2-Chlorophenol	7.24	128	387858	46.19	ng		91
9) Benzaldehyde	6.92	77	27963	5.57	ng		95
10) Phenol	7.13	94	447248	45.02	ng		79
11) bis(2-Chloroethyl)ether	7.21	93	399154	49.64	ng		89
12) 1,3-Dichlorobenzene	7.46	146	370417	40.44	ng	#	96
13) 1,4-Dichlorobenzene	7.59	146	383445	40.78	ng		95
14) 1,2-Dichlorobenzene	7.82	146	362710	41.70	ng		97
15) Benzyl Alcohol	7.86	79	366456	55.25	ng		92
16) 2,2'-oxybis(1-Chloropropan	8.06	45	756253	41.80	ng		93
17) 2-Methylphenol	8.07	107	311048	46.22	ng	#	82
18) Hexachloroethane	8.33	117	139127	39.66	ng		99
19) n-Nitroso-di-n-propylamine	8.28	70	333820	49.20	ng	#	75
20) 3+4-Methylphenols	8.33	107	404232	49.69	ng	#	60
22) Acetophenone	8.25	105	578853	50.85	ng	#	97
24) Nitrobenzene	8.50	77	457437	45.84	ng		97
25) Isophorone	8.90	82	822040	48.48	ng		99
26) 2-Nitrophenol	9.00	139	202779	49.71	ng	#	66
27) 2,4-Dimethylphenol	9.15	122	355961	50.27	ng		88
28) bis(2-Chloroethoxy)methane	9.28	93	482715	50.54	ng		99
29) 2,4-Dichlorophenol	9.43	162	324245	50.81	ng		98
30) 1,2,4-Trichlorobenzene	9.51	180	331681	45.40	ng		96
31) Naphthalene	9.62	128	1151083	48.21	ng		99
32) Benzoic acid	9.48	122	167286	46.13	ng	#	80
33) 4-Chloroaniline	9.79	127	95730	10.89	ng	#	92
34) Hexachlorobutadiene	9.84	225	188259	42.39	ng		99
35) Caprolactam	10.41	113	83775m	44.98	ng		
36) 4-Chloro-3-methylphenol	10.64	107	380597	52.75	ng		93
37) 2-Methylnaphthalene	10.75	142	745462	49.98	ng		98
39) 1,2,4,5-Tetrachlorobenzene	11.03	216	328810	44.04	ng		99
40) Hexachlorocyclopentadiene	10.99	237	248117	80.66	ng		96

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	11.26	196	212009	49.19	ng		93
43) 2,4,5-Trichlorophenol	11.34	196	216256	49.27	ng	#	93
45) 1,1'-Biphenyl	11.52	154	908710	46.27	ng		96
46) 2-Chloronaphthalene	11.53	162	687691	45.77	ng	#	91
47) 2-Nitroaniline	11.75	65	283234	52.32	ng	#	76
48) Acenaphthylene	12.19	152	1124037	47.25	ng		99
49) Dimethylphthalate	12.08	163	899970	48.16	ng		100
50) 2,6-Dinitrotoluene	12.17	165	192551	51.14	ng	#	90
51) Acenaphthene	12.48	154	693837	47.46	ng		97
52) 3-Nitroaniline	12.43	138	83118	21.51	ng	#	83
53) 2,4-Dinitrophenol	12.63	184	185016	94.70	ng	#	79
54) Dibenzofuran	12.76	168	1024656	51.76	ng		96
55) 4-Nitrophenol	12.81	139	187677	101.81	ng	#	53
56) 2,4-Dinitrotoluene	12.83	165	263312	52.32	ng		89
57) Fluorene	13.31	166	833512	48.56	ng		99
58) 2,3,4,6-Tetrachlorophenol	12.99	232	195317	57.85	ng		98
59) Diethylphthalate	13.23	149	901061	49.60	ng		97
60) 4-Chlorophenyl-phenylether	13.35	204	393900	47.06	ng		87
61) 4-Nitroaniline	13.44	138	173805	48.19	ng	#	65
62) Azobenzene	13.60	77	1033294	54.82	ng		86
64) 4,6-Dinitro-2-methylphenol	13.50	198	136692	47.33	ng	#	74
65) n-Nitrosodiphenylamine	13.57	169	715751	48.73	ng		100
66) 4-Bromophenyl-phenylether	14.13	248	228451	45.98	ng		94
67) Hexachlorobenzene	14.21	284	245017	47.14	ng	#	88
68) Atrazine	14.48	200	197349	42.15	ng		94
69) Pentachlorophenol	14.56	266	196368	118.37	ng		97
70) Phenanthrene	14.87	178	1236047	49.13	ng		100
71) Anthracene	14.95	178	1219955	48.00	ng		99
72) Carbazole	15.23	167	1067928	49.26	ng		98
73) Di-n-butylphthalate	15.81	149	1365844	48.72	ng	#	98
74) Fluoranthene	16.62	202	1212409	48.06	ng		96
76) Benzidine	16.87	184	30738	3.29	ng		98
77) Pyrene	16.93	202	1247010	47.75	ng		100
79) Butylbenzylphthalate	17.83	149	545662	47.12	ng	#	69
80) Benzo(a)anthracene	18.50	228	997158	48.32	ng		99
81) 3,3'-Dichlorobenzidine	18.49	252	126897	11.13	ng		98
82) Chrysene	18.55	228	995500	48.61	ng		100
83) Bis(2-ethylhexyl)phthalate	18.57	149	759149	44.93	ng	#	95
84) Di-n-octyl phthalate	19.35	149	1223533	47.48	ng	#	86
85) Indeno(1,2,3-cd)pyrene	21.42	276	705673	42.98	ng		95
87) Benzo(b)fluoranthene	19.77	252	758468m	46.37	ng		
88) Benzo(k)fluoranthene	19.81	252	818338m	58.13	ng		
89) Benzo(a)pyrene	20.13	252	733298	51.84	ng		98
90) Dibenzo(a,h)anthracene	21.43	278	595925	49.39	ng	#	92
91) Benzo(g,h,i)perylene	21.77	276	589798	49.54	ng	#	93

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

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