Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF053116\
Data File : BF087587.D
Acq On : 31 May 2016 18:29
Operator : UM/SJ
Sample : H3332-01MS
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HSR-WC-48-052616MS

Manual Integrations APPROVED
sohil
6/1/2016 6:34:13 PM

Quant Time: Jun 01 11:30:18 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF052316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 01 03:17:16 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.45	152	104142	20.00	ng		0.00
21) Naphthalene-d8	9.47	136	421831	20.00	ng		0.00
38) Acenaphthene-d10	12.30	164	201762	20.00	ng		-0.01
63) Phenanthrene-d10	14.71	188	387948	20.00	ng		0.00
75) Chrysene-d12	18.42	240	329382	20.00	ng		0.00
86) Perylene-d12	20.13	264	257362	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.38	112	923626	155.84	ng		0.03
7) Phenol-d6	7.02	99	1203976	150.34	ng		0.00
23) Nitrobenzene-d5	8.36	82	864885	103.33	ng		-0.01
41) 2,4,6-Tribromophenol	13.61	330	316624	163.30	ng		0.00
44) 2-Fluorobiphenyl	11.26	172	1434410	100.23	ng		0.00
78) Terphenyl-d14	17.06	244	1390078	89.72	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	1.94	88	122498	39.17	ng	#	70
3) Pyridine	2.54	79	276653m	40.47	ng		
4) n-Nitrosodimethylamine	2.44	42	262673	49.86	ng	#	42
6) Aniline	6.99	93	120130	11.60	ng		92
8) 2-Chlorophenol	7.14	128	376802	50.98	ng		92
9) Benzaldehyde	6.87	77	29173	6.60	ng	#	88
10) Phenol	7.04	94	449838	51.44	ng		73
11) bis(2-Chloroethyl)ether	7.10	93	380945	53.82	ng		89
12) 1,3-Dichlorobenzene	7.34	146	384023	47.64	ng	#	90
13) 1,4-Dichlorobenzene	7.47	146	400825	48.43	ng		96
14) 1,2-Dichlorobenzene	7.70	146	380820	49.75	ng		98
15) Benzyl Alcohol	7.76	79	362552	62.09	ng	#	87
16) 2,2'-oxybis(1-Chloropropan	7.94	45	720960	45.27	ng		88
17) 2-Methylphenol	7.99	107	315814	53.32	ng	#	89
18) Hexachloroethane	8.20	117	153731	49.79	ng		96
19) n-Nitroso-di-n-propylamine	8.17	70	314091	52.59	ng	#	70
20) 3+4-Methylphenols	8.26	107	411026	57.40	ng	#	62
22) Acetophenone	8.14	105	554146	54.99	ng	#	96
24) Nitrobenzene	8.40	77	453731	51.36	ng		97
25) Isophorone	8.79	82	775509	51.66	ng		98
26) 2-Nitrophenol	8.90	139	196314	54.36	ng	#	64
27) 2,4-Dimethylphenol	9.05	122	332305	53.01	ng	#	85
28) bis(2-Chloroethoxy)methane	9.16	93	467600	55.30	ng		98
29) 2,4-Dichlorophenol	9.34	162	316342	55.99	ng		98
30) 1,2,4-Trichlorobenzene	9.40	180	329591	50.96	ng		99
31) Naphthalene	9.51	128	1302475	61.62	ng		99
32) Benzoic acid	9.44	122	187239	56.78	ng	#	77
33) 4-Chloroaniline	9.74	127	66028	8.48	ng	#	92
34) Hexachlorobutadiene	9.71	225	197287	50.18	ng		98
35) Caprolactam	10.32	113	85243m	51.69	ng		
36) 4-Chloro-3-methylphenol	10.55	107	352648	55.21	ng		90
37) 2-Methylnaphthalene	10.63	142	747952	56.64	ng	#	95
39) 1,2,4,5-Tetrachlorobenzene	10.91	216	318636	49.34	ng		98
40) Hexachlorocyclopentadiene	10.87	237	178508	68.68	ng		95

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	11.15	196	202452	54.31	ng		93
43) 2,4,5-Trichlorophenol	11.24	196	185138	48.77	ng	#	83
45) 1,1'-Biphenyl	11.40	154	918282	54.06	ng		98
46) 2-Chloronaphthalene	11.42	162	666146	51.26	ng		93
47) 2-Nitroaniline	11.66	65	270337	57.73	ng		84
48) Acenaphthylene	12.08	152	1061203	51.58	ng		99
49) Dimethylphthalate	11.97	163	826769	51.15	ng		100
50) 2,6-Dinitrotoluene	12.07	165	176362	54.15	ng	#	69
51) Acenaphthene	12.35	154	672434	53.17	ng		98
52) 3-Nitroaniline	12.37	138	65088	19.47	ng		86
53) 2,4-Dinitrophenol	12.55	184	178934	105.12	ng	#	74
54) Dibenzofuran	12.65	168	996379	58.19	ng		97
55) 4-Nitrophenol	12.77	139	148611	93.21	ng	#	57
56) 2,4-Dinitrotoluene	12.73	165	257530	59.17	ng	#	89
57) Fluorene	13.20	166	793205	53.42	ng		100
58) 2,3,4,6-Tetrachlorophenol	12.89	232	177957	60.94	ng		98
59) Diethylphthalate	13.11	149	839495	53.42	ng		99
60) 4-Chlorophenyl-phenylether	13.22	204	365468	50.48	ng		94
61) 4-Nitroaniline	13.36	138	168595	54.04	ng	#	68
62) Azobenzene	13.49	77	1032304	63.32	ng		86
64) 4,6-Dinitro-2-methylphenol	13.41	198	118317	47.96	ng	#	72
65) n-Nitrosodiphenylamine	13.44	169	665657	53.06	ng		99
66) 4-Bromophenyl-phenylether	14.01	248	219404	51.70	ng	#	88
67) Hexachlorobenzene	14.08	284	229563	51.72	ng	#	71
68) Atrazine	14.37	200	213204	53.31	ng		94
69) Pentachlorophenol	14.46	266	137018	97.83	ng		95
70) Phenanthrene	14.74	178	1164648	54.20	ng		100
71) Anthracene	14.83	178	1194638	55.03	ng		99
72) Carbazole	15.13	167	1051419	56.79	ng		99
73) Di-n-butylphthalate	15.69	149	1290533	53.90	ng	#	98
74) Fluoranthene	16.51	202	1234604	57.29	ng		96
76) Benzidine	16.78	184	116929	13.80	ng		96
77) Pyrene	16.82	202	1223680	51.61	ng		100
79) Butylbenzylphthalate	17.73	149	540372	51.39	ng	#	77
80) Benzo(a)anthracene	18.41	228	1018539	54.36	ng		99
81) 3,3'-Dichlorobenzidine	18.40	252	96758	9.35	ng	#	97
82) Chrysene	18.46	228	986126	53.03	ng		99
83) Bis(2-ethylhexyl)phthalate	18.47	149	737613	48.08	ng		98
84) Di-n-octyl phthalate	19.23	149	1211257	51.77	ng	#	86
85) Indeno(1,2,3-cd)pyrene	21.31	276	723653	48.55	ng		94
87) Benzo(b)fluoranthene	19.69	252	784710m	47.87	ng		
88) Benzo(k)fluoranthene	19.71	252	959821m	68.02	ng		
89) Benzo(a)pyrene	20.05	252	762939	53.81	ng		98
90) Dibenzo(a,h)anthracene	21.30	278	621426	51.39	ng		95
91) Benzo(g,h,i)perylene	21.69	276	558327	46.79	ng	#	90

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

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