Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF052616\
Data File : BF087410.D
Acq On : 26 May 2016 16:02
Operator : UM/SJ
Sample : H3191-01MS
Misc :
ALS Vial : 4 Sample Multiplier: 1

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

Manual Integrations APPROVED
sohil
5/27/2016 7:37:36 PM

Quant Time: May 27 11:03:16 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 16:26:52 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.51	152	109782	20.00	ng		-0.01
21) Naphthalene-d8	9.53	136	444472	20.00	ng		-0.02
38) Acenaphthene-d10	12.37	164	206948	20.00	ng		-0.02
63) Phenanthrene-d10	14.77	188	401430	20.00	ng		-0.01
75) Chrysene-d12	18.47	240	316114	20.00	ng		-0.01
86) Perylene-d12	20.13	264	228193	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.45	112	891670	142.72	ng		0.03
7) Phenol-d6	7.07	99	1065495	126.21	ng		0.00
23) Nitrobenzene-d5	8.42	82	863604	97.92	ng		-0.02
41) 2,4,6-Tribromophenol	13.67	330	290793	146.22	ng		-0.01
44) 2-Fluorobiphenyl	11.32	172	1448143	98.65	ng		-0.01
78) Terphenyl-d14	17.12	244	1286346	86.51	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.03	88	120182m	36.46	ng		
3) Pyridine	2.67	79	199344m	27.66	ng		
4) n-Nitrosodimethylamine	2.54	42	239455	43.12	ng	#	45
6) Aniline	7.03	93	143549	13.14	ng		92
8) 2-Chlorophenol	7.20	128	357393	45.87	ng		93
9) Benzaldehyde	6.87	77	19683	4.22	ng		97
10) Phenol	7.10	94	398639	43.24	ng		83
11) bis(2-Chloroethyl)ether	7.15	93	365216	48.95	ng		86
12) 1,3-Dichlorobenzene	7.40	146	346974	40.83	ng	#	94
13) 1,4-Dichlorobenzene	7.53	146	359436	41.20	ng		94
14) 1,2-Dichlorobenzene	7.76	146	337764	41.85	ng		96
15) Benzyl Alcohol	7.80	79	342515	55.65	ng	#	88
16) 2,2'-oxybis(1-Chloropropan	8.00	45	703130	41.88	ng		86
17) 2-Methylphenol	8.03	107	288975	46.28	ng	#	91
18) Hexachloroethane	8.28	117	134718	41.39	ng	#	90
19) n-Nitroso-di-n-propylamine	8.23	70	298631	47.43	ng	#	68
20) 3+4-Methylphenols	8.30	107	377582	50.02	ng	#	59
22) Acetophenone	8.19	105	539384	50.80	ng	#	98
24) Nitrobenzene	8.44	77	440961	47.37	ng		97
25) Isophorone	8.86	82	747607	47.27	ng		98
26) 2-Nitrophenol	8.96	139	187629	49.31	ng	#	74
27) 2,4-Dimethylphenol	9.11	122	319202	48.32	ng		86
28) bis(2-Chloroethoxy)methane	9.23	93	448498	50.34	ng		98
29) 2,4-Dichlorophenol	9.38	162	298091	50.07	ng		98
30) 1,2,4-Trichlorobenzene	9.46	180	307001	45.05	ng		95
31) Naphthalene	9.56	128	1069519	48.02	ng		100
32) Benzoic acid	9.44	122	139816	41.94	ng	#	77
33) 4-Chloroaniline	9.74	127	75921	9.25	ng	#	90
34) Hexachlorobutadiene	9.78	225	175786	42.43	ng		99
35) Caprolactam	10.38	113	74991m	43.16	ng		
36) 4-Chloro-3-methylphenol	10.59	107	347740	51.67	ng		92
37) 2-Methylnaphthalene	10.70	142	679998	48.87	ng	#	97
39) 1,2,4,5-Tetrachlorobenzene	10.97	216	296275	44.72	ng		98
40) Hexachlorocyclopentadiene	10.95	237	206479	76.24	ng		94

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	11.20	196	188964	49.42	ng		96
43) 2,4,5-Trichlorophenol	11.29	196	186348	47.86	ng	#	93
45) 1,1'-Biphenyl	11.47	154	859401	49.32	ng		98
46) 2-Chloronaphthalene	11.48	162	635769	47.69	ng		96
47) 2-Nitroaniline	11.70	65	256620	53.43	ng	#	73
48) Acenaphthylene	12.14	152	1026572	48.64	ng		99
49) Dimethylphthalate	12.02	163	803111	48.44	ng		100
50) 2,6-Dinitrotoluene	12.11	165	169230	50.66	ng	#	62
51) Acenaphthene	12.42	154	626939	48.33	ng		98
52) 3-Nitroaniline	12.39	138	63072	18.40	ng		85
53) 2,4-Dinitrophenol	12.58	184	188539	107.80	ng	#	80
54) Dibenzofuran	12.71	168	925414	52.69	ng		94
55) 4-Nitrophenol	12.78	139	145618	89.04	ng	#	44
56) 2,4-Dinitrotoluene	12.78	165	231261	51.80	ng	#	84
57) Fluorene	13.27	166	758472	49.80	ng		98
58) 2,3,4,6-Tetrachlorophenol	12.95	232	166754	55.67	ng		97
59) Diethylphthalate	13.18	149	782152	48.53	ng		99
60) 4-Chlorophenyl-phenylether	13.29	204	337215	45.41	ng		94
61) 4-Nitroaniline	13.39	138	145025	45.32	ng	#	63
62) Azobenzene	13.54	77	922084	55.15	ng		84
64) 4,6-Dinitro-2-methylphenol	13.45	198	123081	48.22	ng	#	80
65) n-Nitrosodiphenylamine	13.51	169	613687	47.27	ng		99
66) 4-Bromophenyl-phenylether	14.08	248	205766	46.85	ng	#	89
67) Hexachlorobenzene	14.15	284	214173	46.63	ng	#	82
68) Atrazine	14.43	200	173109	41.83	ng		94
69) Pentachlorophenol	14.50	266	137823	95.27	ng		98
70) Phenanthrene	14.81	178	1107364	49.80	ng		99
71) Anthracene	14.89	178	1099362	48.94	ng		100
72) Carbazole	15.19	167	991135	51.73	ng		99
73) Di-n-butylphthalate	15.76	149	1132784	45.72	ng	#	98
74) Fluoranthene	16.57	202	1134899	50.90	ng		93
76) Benzidine	16.81	184	18937	2.33	ng		96
77) Pyrene	16.87	202	1083340	47.61	ng		99
79) Butylbenzylphthalate	17.78	149	476905	47.26	ng	#	70
80) Benzo(a)anthracene	18.46	228	935844	52.05	ng		99
81) 3,3'-Dichlorobenzidine	18.45	252	78438	7.90	ng		99
82) Chrysene	18.50	228	880262	49.33	ng		100
83) Bis(2-ethylhexyl)phthalate	18.53	149	637131	43.27	ng	#	94
84) Di-n-octyl phthalate	19.30	149	993901	44.26	ng	#	86
85) Indeno(1,2,3-cd)pyrene	21.36	276	653144	45.66	ng		94
87) Benzo(b)fluoranthene	19.73	252	718667	49.44	ng	#	95
88) Benzo(k)fluoranthene	19.76	252	703003m	56.19	ng		
89) Benzo(a)pyrene	20.08	252	648154	51.56	ng	#	97
90) Dibenzo(a,h)anthracene	21.36	278	558527	52.09	ng	#	93
91) Benzo(g,h,i)perylene	21.70	276	552310	52.21	ng	#	92

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

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