Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF043016\
Data File : BF086547.D
Acq On : 1 May 2016 3:20
Operator : UM/SJ
Sample : H2720-10MS
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SS5MS

Manual Integrations APPROVED
sohil
5/2/2016 7:54:31 PM

Quant Time: May 02 01:22:32 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF042716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 27 14:20:52 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.76	152	137080	20.00	ng		-0.05
21) Naphthalene-d8	8.05	136	596365	20.00	ng		-0.05
38) Acenaphthene-d10	9.80	164	284411	20.00	ng		-0.05
63) Phenanthrene-d10	11.29	188	563829	20.00	ng		-0.03
75) Chrysene-d12	13.92	240	386468	20.00	ng		-0.05
86) Perylene-d12	15.31	264	325455	20.00	ng		-0.05
System Monitoring Compounds							
5) 2-Fluorophenol	5.37	112	1113387	140.10	ng		-0.02
7) Phenol-d6	6.41	99	1435035	129.38	ng		-0.03
23) Nitrobenzene-d5	7.33	82	903696	81.68	ng		-0.05
41) 2,4,6-Tribromophenol	10.60	330	379458	126.52	ng		-0.03
44) 2-Fluorobiphenyl	9.13	172	1321922	80.38	ng		-0.05
78) Terphenyl-d14	12.87	244	1293754	73.75	ng		-0.05
Target Compounds							Qvalue
2) 1,4-Dioxane	2.35	88	148507	35.57	ng	#	73
3) Pyridine	3.04	79	430131	43.53	ng	#	70
4) n-Nitrosodimethylamine	2.99	42	274024	48.66	ng	#	59
6) Aniline	6.43	93	248352	18.50	ng	#	61
8) 2-Chlorophenol	6.56	128	429478	43.39	ng		96
9) Benzaldehyde	6.30	77	58419	9.05	ng		94
10) Phenol	6.42	94	468111	37.83	ng	#	70
11) bis(2-Chloroethyl)ether	6.51	93	463532	43.33	ng		94
12) 1,3-Dichlorobenzene	6.70	146	423445m	39.77	ng		
13) 1,4-Dichlorobenzene	6.78	146	447722	40.76	ng		97
14) 1,2-Dichlorobenzene	6.93	146	384189	38.14	ng		96
15) Benzyl Alcohol	6.91	79	349696	49.84	ng		90
16) 2,2'-oxybis(1-Chloropropan	7.05	45	874112	40.82	ng		91
17) 2-Methylphenol	7.04	107	371451	46.43	ng		94
18) Hexachloroethane	7.28	117	153547	37.40	ng		99
19) n-Nitroso-di-n-propylamine	7.18	70	327156	44.62	ng	#	69
20) 3+4-Methylphenols	7.18	107	413854	45.31	ng		92
22) Acetophenone	7.18	105	595746	45.56	ng	#	90
24) Nitrobenzene	7.36	77	512632	45.04	ng		95
25) Isophorone	7.60	82	896532	42.10	ng		98
26) 2-Nitrophenol	7.68	139	230521	43.99	ng		94
27) 2,4-Dimethylphenol	7.72	122	396877	43.16	ng		97
28) bis(2-Chloroethoxy)methane	7.81	93	556105	47.94	ng		99
29) 2,4-Dichlorophenol	7.92	162	369215	47.59	ng		98
30) 1,2,4-Trichlorobenzene	8.00	180	360418	40.05	ng		98
31) Naphthalene	8.08	128	1255529	41.37	ng		99
32) Benzoic acid	7.82	122	85841	21.38	ng		95
33) 4-Chloroaniline	8.13	127	110210	9.70	ng		98
34) Hexachlorobutadiene	8.19	225	182566	36.19	ng		97
35) Caprolactam	8.50	113	120653m	46.62	ng		
36) 4-Chloro-3-methylphenol	8.62	107	428108	48.20	ng		100
37) 2-Methylnaphthalene	8.76	142	766242	42.79	ng		97
39) 1,2,4,5-Tetrachlorobenzene	8.93	216	318794	39.16	ng		97
40) Hexachlorocyclopentadiene	8.92	237	298123	73.69	ng		96

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.05	196	236509	45.96	ng		93
43) 2,4,5-Trichlorophenol	9.09	196	252244	44.97	ng	#	92
45) 1,1'-Biphenyl	9.23	154	934202	39.30	ng		97
46) 2-Chloronaphthalene	9.25	162	702386	38.86	ng		94
47) 2-Nitroaniline	9.36	65	305107	52.64	ng		93
48) Acenaphthylene	9.66	152	1084226	38.37	ng		99
49) Dimethylphthalate	9.54	163	1090719	50.94	ng		100
50) 2,6-Dinitrotoluene	9.60	165	193431	43.73	ng	#	86
51) Acenaphthene	9.84	154	760515	41.91	ng		99
52) 3-Nitroaniline	9.77	138	100723	20.02	ng		99
53) 2,4-Dinitrophenol	9.87	184	155869	65.97	ng	#	80
54) Dibenzofuran	10.01	168	987104	43.52	ng		94
55) 4-Nitrophenol	9.94	139	322909	98.03	ng	#	77
56) 2,4-Dinitrotoluene	10.00	165	259020	45.94	ng	#	85
57) Fluorene	10.35	166	711292	36.12	ng		100
58) 2,3,4,6-Tetrachlorophenol	10.13	232	222134	50.66	ng		98
59) Diethylphthalate	10.24	149	866937	42.77	ng		97
60) 4-Chlorophenyl-phenylether	10.35	204	365265	40.85	ng	#	83
61) 4-Nitroaniline	10.38	138	224867	45.73	ng		88
62) Azobenzene	10.51	77	1022483	46.06	ng		90
64) 4,6-Dinitro-2-methylphenol	10.41	198	145929	44.09	ng	#	77
65) n-Nitrosodiphenylamine	10.46	169	682236	38.72	ng		100
66) 4-Bromophenyl-phenylether	10.84	248	225201	38.76	ng	#	76
67) Hexachlorobenzene	10.90	284	250842	37.30	ng	#	82
68) Atrazine	11.00	200	262261	49.56	ng		96
69) Pentachlorophenol	11.09	266	272086	76.74	ng		97
70) Phenanthrene	11.31	178	1126842	38.08	ng		99
71) Anthracene	11.36	178	1227454	38.87	ng		100
72) Carbazole	11.52	167	1144855	40.91	ng		99
73) Di-n-butylphthalate	11.86	149	1289303	40.66	ng		99
74) Fluoranthene	12.49	202	1143781	38.29	ng		99
76) Benzidine	12.61	184	202393	15.24	ng		97
77) Pyrene	12.72	202	1089346	39.12	ng		99
79) Butylbenzylphthalate	13.35	149	501212	41.56	ng	#	80
80) Benzo(a)anthracene	13.91	228	868041	42.13	ng		99
81) 3,3'-Dichlorobenzidine	13.87	252	133726	9.71	ng	#	97
82) Chrysene	13.94	228	789341	35.24	ng		99
83) Bis(2-ethylhexyl)phthalate	13.91	149	556679	37.18	ng	#	97
84) Di-n-octyl phthalate	14.51	149	894839	38.17	ng	#	88
85) Indeno(1,2,3-cd)pyrene	16.65	276	822685	49.57	ng		97
87) Benzo(b)fluoranthene	14.92	252	870546m	45.47	ng		
88) Benzo(k)fluoranthene	14.95	252	633085m	31.70	ng		
89) Benzo(a)pyrene	15.25	252	728228	40.29	ng		99
90) Dibenzo(a,h)anthracene	16.66	278	698449	47.22	ng		98
91) Benzo(g,h,i)perylene	17.05	276	693064	46.75	ng	#	92

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

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