Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF052516\
Data File : BF087404.D
Acq On : 26 May 2016 9:52
Operator : UM/SJ
Sample : H3220-16MSD
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-29-COMPMSD

Manual Integrations APPROVED
sohil
5/26/2016 6:36:39 PM

Quant Time: May 26 15:46:54 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	7.52	152	101430	20.00	ng		0.00
21) Naphthalene-d8	9.55	136	390237	20.00	ng		0.00
38) Acenaphthene-d10	12.38	164	159335	20.00	ng		-0.01
63) Phenanthrene-d10	14.78	188	259915	20.00	ng		0.00
75) Chrysene-d12	18.48	240	208369	20.00	ng		0.00
86) Perylene-d12	20.14	264	149636	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.45	112	986016	170.82	ng		0.03
7) Phenol-d6	7.10	99	1231592	157.90	ng		0.02
23) Nitrobenzene-d5	8.44	82	830847	107.30	ng		0.00
41) 2,4,6-Tribromophenol	13.68	330	206070	134.58	ng		0.00
44) 2-Fluorobiphenyl	11.34	172	1224781	108.37	ng		0.00
78) Terphenyl-d14	17.13	244	885231	90.32	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	1.90	88	123898	40.68	ng	#	67
3) Pyridine	2.49	79	319409	47.97	ng	#	64
4) n-Nitrosodimethylamine	2.47	42	281136	54.79	ng	#	45
6) Aniline	7.03	93	237908	23.58	ng		95
8) 2-Chlorophenol	7.21	128	370068	51.41	ng		89
9) Benzaldehyde	6.84	77	61632	14.31	ng		99
10) Phenol	7.12	94	456378	53.58	ng		89
11) bis(2-Chloroethyl)ether	7.16	93	353354	51.26	ng	#	83
12) 1,3-Dichlorobenzene	7.42	146	385277	49.07	ng	#	90
13) 1,4-Dichlorobenzene	7.55	146	397516	49.32	ng		96
14) 1,2-Dichlorobenzene	7.78	146	370248	49.66	ng		97
15) Benzyl Alcohol	7.83	79	349501	61.46	ng		91
16) 2,2'-oxybis(1-Chloropropan	8.02	45	733544	47.29	ng		85
17) 2-Methylphenol	8.04	107	303726	52.65	ng	#	90
18) Hexachloroethane	8.30	117	130486	43.39	ng		100
19) n-Nitroso-di-n-propylamine	8.25	70	291839	50.17	ng	#	67
20) 3+4-Methylphenols	8.31	107	388995	55.78	ng	#	60
22) Acetophenone	8.20	105	529663	56.81	ng	#	94
24) Nitrobenzene	8.47	77	427716	52.33	ng		93
25) Isophorone	8.87	82	717884	51.69	ng		98
26) 2-Nitrophenol	8.98	139	176947	52.96	ng	#	86
27) 2,4-Dimethylphenol	9.13	122	297605	51.31	ng		86
28) bis(2-Chloroethoxy)methane	9.24	93	433956	55.48	ng	#	98
29) 2,4-Dichlorophenol	9.39	162	287260	54.96	ng		94
30) 1,2,4-Trichlorobenzene	9.48	180	312579	52.24	ng		99
31) Naphthalene	9.59	128	1001230	51.20	ng		99
32) Benzoic acid	9.38	122	21311	12.09	ng		85
33) 4-Chloroaniline	9.75	127	94243	13.09	ng	#	90
34) Hexachlorobutadiene	9.80	225	181837	49.99	ng		98
35) Caprolactam	10.36	113	81407	53.36	ng	#	59
36) 4-Chloro-3-methylphenol	10.60	107	309249	52.33	ng		87
37) 2-Methylnaphthalene	10.72	142	636000	52.06	ng		97
39) 1,2,4,5-Tetrachlorobenzene	10.99	216	277852	54.48	ng		99
40) Hexachlorocyclopentadiene	10.96	237	23901	19.50	ng		95

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	11.22	196	168349	57.19	ng		95
43) 2,4,5-Trichlorophenol	11.30	196	161139	53.75	ng	#	88
45) 1,1'-Biphenyl	11.48	154	743417	55.42	ng		97
46) 2-Chloronaphthalene	11.50	162	539744	52.59	ng	#	92
47) 2-Nitroaniline	11.71	65	216637	58.59	ng	#	73
48) Acenaphthylene	12.16	152	859035	52.87	ng		99
49) Dimethylphthalate	12.04	163	940764	73.71	ng		99
50) 2,6-Dinitrotoluene	12.14	165	141603	55.06	ng		93
51) Acenaphthene	12.43	154	511421	51.21	ng		98
52) 3-Nitroaniline	12.40	138	97143	36.80	ng		89
53) 2,4-Dinitrophenol	12.62	184	17998	19.10	ng	#	74
54) Dibenzofuran	12.72	168	748833	55.38	ng		93
55) 4-Nitrophenol	12.80	139	118554	94.16	ng	#	61
56) 2,4-Dinitrotoluene	12.79	165	165249	48.07	ng	#	86
57) Fluorene	13.28	166	584379	49.84	ng		99
58) 2,3,4,6-Tetrachlorophenol	12.96	232	123050m	53.36	ng		
59) Diethylphthalate	13.19	149	658238	53.04	ng		98
60) 4-Chlorophenyl-phenylether	13.30	204	275375	48.16	ng		99
61) 4-Nitroaniline	13.39	138	104560	42.44	ng	#	59
62) Azobenzene	13.57	77	726266	56.41	ng		86
64) 4,6-Dinitro-2-methylphenol	13.46	198	27681	16.75	ng	#	77
65) n-Nitrosodiphenylamine	13.52	169	489529	58.24	ng		100
66) 4-Bromophenyl-phenylether	14.09	248	153843	54.10	ng		94
67) Hexachlorobenzene	14.16	284	154448	51.93	ng	#	77
68) Atrazine	14.43	200	151824	56.66	ng		93
69) Pentachlorophenol	14.53	266	80248	86.30	ng		97
70) Phenanthrene	14.82	178	763737	53.05	ng		99
71) Anthracene	14.90	178	762084	52.40	ng		99
72) Carbazole	15.20	167	680174	54.83	ng		99
73) Di-n-butylphthalate	15.77	149	861614	53.71	ng	#	98
74) Fluoranthene	16.58	202	744763	51.59	ng		91
76) Benzidine	16.81	184	335731	62.62	ng		96
77) Pyrene	16.88	202	747168	49.82	ng		99
79) Butylbenzylphthalate	17.79	149	336609	50.61	ng	#	69
80) Benzo(a)anthracene	18.46	228	634343	53.52	ng		99
81) 3,3'-Dichlorobenzidine	18.45	252	167390	25.56	ng		99
82) Chrysene	18.50	228	613653	52.17	ng		99
83) Bis(2-ethylhexyl)phthalate	18.54	149	483641	49.83	ng	#	94
84) Di-n-octyl phthalate	19.31	149	794113	53.65	ng	#	86
85) Indeno(1,2,3-cd)pyrene	21.37	276	421652	44.72	ng		94
87) Benzo(b)fluoranthene	19.74	252	525651	55.15	ng	#	93
88) Benzo(k)fluoranthene	19.76	252	474824m	57.88	ng		
89) Benzo(a)pyrene	20.08	252	451995	54.83	ng	#	96
90) Dibenzo(a,h)anthracene	21.37	278	359841	51.18	ng	#	94
91) Benzo(g,h,i)perylene	21.71	276	332910	47.99	ng		94

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

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