Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF080316\
Data File : BF089572.D
Acq On : 3 Aug 2016 22:09
Operator : UM/SJ
Sample : SSTDICC080
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDICC080

Manual Integrations APPROVED
sohil
8/4/2016 6:11:46 PM

Quant Time: Aug 04 07:39:52 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF080316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 04 07:15:27 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.47	152	37523	20.00	ng		0.00
21) Naphthalene-d8	9.50	136	161263	20.00	ng		0.00
38) Acenaphthene-d10	12.32	164	71187	20.00	ng		0.00
63) Phenanthrene-d10	14.72	188	122365	20.00	ng		0.00
75) Chrysene-d12	18.41	240	66996	20.00	ng		0.00
86) Perylene-d12	20.07	264	66751	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.35	112	387821	171.23	ng		0.00
7) Phenol-d6	7.02	99	509803	168.87	ng		0.01
23) Nitrobenzene-d5	8.39	82	486996	167.06	ng		0.01
41) 2,4,6-Tribromophenol	13.62	330	92712	163.96	ng		0.01
44) 2-Fluorobiphenyl	11.29	172	882436	160.99	ng		0.01
78) Terphenyl-d14	17.07	244	508024	152.14	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	1.77	88	96589	79.35	ng		96
3) Pyridine	2.34	79	216639	80.10	ng		98
4) n-Nitrosodimethylamine	2.32	42	92394	80.03	ng		95
6) Aniline	6.97	93	336136	79.17	ng		98
8) 2-Chlorophenol	7.14	128	224466	82.80	ng		93
9) Benzaldehyde	6.78	77	78475	72.97	ng		97
10) Phenol	7.04	94	234958	75.15	ng		92
11) bis(2-Chloroethyl)ether	7.12	93	213581	77.72	ng		99
12) 1,3-Dichlorobenzene	7.37	146	246341	82.86	ng		96
13) 1,4-Dichlorobenzene	7.50	146	244144	82.23	ng		98
14) 1,2-Dichlorobenzene	7.72	146	240077	77.92	ng		96
15) Benzyl Alcohol	7.76	79	169655	86.03	ng		96
16) 2,2'-oxybis(1-Chloropropan	7.96	45	264051	77.91	ng	#	53
17) 2-Methylphenol	7.98	107	164251	82.82	ng		99
18) Hexachloroethane	8.25	117	97391	78.11	ng		94
19) n-Nitroso-di-n-propylamine	8.20	70	172464	152.63	ng		97
20) 3+4-Methylphenols	8.24	107	220030	84.74	ng		96
22) Acetophenone	8.16	105	339002	88.56	ng		100
24) Nitrobenzene	8.42	77	244889	80.79	ng		98
25) Isophorone	8.82	82	439982	79.49	ng		99
26) 2-Nitrophenol	8.91	139	107310	84.91	ng		93
27) 2,4-Dimethylphenol	9.06	122	191629	84.63	ng		97
28) bis(2-Chloroethoxy)methane	9.20	93	277151	83.60	ng		99
29) 2,4-Dichlorophenol	9.32	162	177612	83.38	ng		97
30) 1,2,4-Trichlorobenzene	9.43	180	195761	80.41	ng		99
31) Naphthalene	9.53	128	668932	78.02	ng		99
32) Benzoic acid	9.44	122	129588	86.16	ng		99
33) 4-Chloroaniline	9.68	127	259390	78.32	ng		98
34) Hexachlorobutadiene	9.76	225	111086	78.65	ng		97
35) Caprolactam	10.34	113	50568	80.71	ng		87
36) 4-Chloro-3-methylphenol	10.52	107	204482	81.91	ng		92
37) 2-Methylnaphthalene	10.66	142	418785	79.90	ng		98
39) 1,2,4,5-Tetrachlorobenzene	10.94	216	218693	81.52	ng		99
40) Hexachlorocyclopentadiene	10.91	237	78642	81.47	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	11.15	196	112502	85.79	ng		97
43) 2,4,5-Trichlorophenol	11.22	196	120981	86.29	ng		94
45) 1,1'-Biphenyl	11.43	154	501141	77.96	ng		98
46) 2-Chloronaphthalene	11.44	162	385528	80.04	ng		93
47) 2-Nitroaniline	11.66	65	126435	82.75	ng		88
48) Acenaphthylene	12.10	152	630460	79.39	ng		99
49) Dimethylphthalate	12.00	163	430444	78.93	ng		98
50) 2,6-Dinitrotoluene	12.07	165	90649	83.07	ng	#	70
51) Acenaphthene	12.38	154	364208	79.11	ng		100
52) 3-Nitroaniline	12.34	138	102168	79.42	ng	#	93
53) 2,4-Dinitrophenol	12.54	184	37007	79.95	ng		89
54) Dibenzofuran	12.66	168	489539	78.14	ng		97
55) 4-Nitrophenol	12.70	139	61887m	87.80	ng		
56) 2,4-Dinitrotoluene	12.73	165	117762	80.30	ng		94
57) Fluorene	13.22	166	412560	77.41	ng		100
58) 2,3,4,6-Tetrachlorophenol	12.89	232	82920	83.76	ng		99
59) Diethylphthalate	13.13	149	412501	74.65	ng		99
60) 4-Chlorophenyl-phenylether	13.25	204	191871	80.11	ng		95
61) 4-Nitroaniline	13.35	138	86795	76.99	ng		95
62) Azobenzene	13.51	77	446718	78.83	ng		96
64) 4,6-Dinitro-2-methylphenol	13.39	198	61950	80.55	ng		97
65) n-Nitrosodiphenylamine	13.46	169	346601	83.12	ng		99
66) 4-Bromophenyl-phenylether	14.03	248	105554	88.30	ng	#	84
67) Hexachlorobenzene	14.10	284	106402	82.29	ng	#	86
68) Atrazine	14.38	200	75772	70.23	ng		98
69) Pentachlorophenol	14.45	266	39427	78.64	ng		98
70) Phenanthrene	14.75	178	517801	79.22	ng		99
71) Anthracene	14.85	178	561856	78.62	ng		99
72) Carbazole	15.13	167	456531	78.98	ng		99
73) Di-n-butylphthalate	15.73	149	582684	78.81	ng	#	98
74) Fluoranthene	16.51	202	482259	72.90	ng		98
76) Benzidine	16.75	184	114178	62.49	ng		96
77) Pyrene	16.82	202	475085	79.77	ng		99
79) Butylbenzylphthalate	17.74	149	184938	82.75	ng		96
80) Benzo(a)anthracene	18.40	228	313205	80.23	ng		99
81) 3,3'-Dichlorobenzidine	18.39	252	105164	85.96	ng		99
82) Chrysene	18.45	228	324619	80.64	ng		99
83) Bis(2-ethylhexyl)phthalate	18.49	149	254481	84.48	ng		99
84) Di-n-octyl phthalate	19.26	149	413446	90.53	ng		99
85) Indeno(1,2,3-cd)pyrene	21.26	276	364511	79.82	ng		99
87) Benzo(b)fluoranthene	19.67	252	302235	74.11	ng	#	96
88) Benzo(k)fluoranthene	19.69	252	305185m	75.97	ng		
89) Benzo(a)pyrene	20.01	252	296174	78.33	ng	#	96
90) Dibenzo(a,h)anthracene	21.27	278	315152	88.05	ng		96
91) Benzo(g,h,i)perylene	21.60	276	324409	86.50	ng		100

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

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