Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF080916\
Data File : BF089699.D
Acq On : 9 Aug 2016 21:01
Operator : UM/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Manual Integrations APPROVED
sohil
8/10/2016 9:23:40 AM

Quant Time: Aug 10 02:10:16 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF080416.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 05 01:39:23 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.43	152	95116	20.00	ng		-0.02
21) Naphthalene-d8	9.45	136	396202	20.00	ng		-0.02
38) Acenaphthene-d10	12.27	164	178328	20.00	ng		-0.02
63) Phenanthrene-d10	14.66	188	331510	20.00	ng		-0.03
75) Chrysene-d12	18.38	240	192090	20.00	ng		-0.01
86) Perylene-d12	20.03	264	179629	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.31	112	451257	79.52	ng		0.00
7) Phenol-d6	7.00	99	601946	78.19	ng		0.02
23) Nitrobenzene-d5	8.35	82	540039	75.39	ng		-0.01
41) 2,4,6-Tribromophenol	13.58	330	112825	76.67	ng		-0.01
44) 2-Fluorobiphenyl	11.23	172	915416	66.71	ng		-0.02
78) Terphenyl-d14	17.04	244	722599	74.26	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	1.70	88	112761	34.66	ng		92
3) Pyridine	2.26	79	232846	38.95	ng		97
4) n-Nitrosodimethylamine	2.25	42	103635	40.73	ng		94
6) Aniline	6.92	93	319568	32.03	ng		100
8) 2-Chlorophenol	7.12	128	267349	38.37	ng		98
9) Benzaldehyde	6.72	77	153670	55.02	ng		92
10) Phenol	7.02	94	303177	38.36	ng		98
11) bis(2-Chloroethyl)ether	7.07	93	248504	36.60	ng		99
12) 1,3-Dichlorobenzene	7.32	146	278559	36.81	ng		99
13) 1,4-Dichlorobenzene	7.45	146	277617	36.78	ng		98
14) 1,2-Dichlorobenzene	7.69	146	267910	33.68	ng		95
15) Benzyl Alcohol	7.72	79	206910	40.99	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.93	45	322903	37.34	ng	#	53
17) 2-Methylphenol	7.95	107	203550	40.45	ng	#	88
18) Hexachloroethane	8.19	117	108430	34.09	ng		90
19) n-Nitroso-di-n-propylamine	8.17	70	191240	34.39	ng		95
20) 3+4-Methylphenols	8.22	107	265405	41.79	ng		97
22) Acetophenone	8.11	105	369123	39.08	ng		96
24) Nitrobenzene	8.38	77	286408	42.10	ng		99
25) Isophorone	8.78	82	520243	37.93	ng		99
26) 2-Nitrophenol	8.88	139	136283	43.65	ng		92
27) 2,4-Dimethylphenol	9.04	122	221959	39.54	ng		95
28) bis(2-Chloroethoxy)methane	9.15	93	293730	35.40	ng		99
29) 2,4-Dichlorophenol	9.30	162	197363	37.16	ng		98
30) 1,2,4-Trichlorobenzene	9.38	180	222596	36.69	ng		98
31) Naphthalene	9.50	128	765934	36.37	ng		100
32) Benzoic acid	9.40	122	88337	25.05	ng		96
33) 4-Chloroaniline	9.63	127	262149	33.15	ng		98
34) Hexachlorobutadiene	9.70	225	120885	34.61	ng		99
35) Caprolactam	10.33	113	60938	39.36	ng		97
36) 4-Chloro-3-methylphenol	10.51	107	229605	37.19	ng		97
37) 2-Methylnaphthalene	10.60	142	458568	35.41	ng		100
39) 1,2,4,5-Tetrachlorobenzene	10.89	216	251134	37.47	ng		100
40) Hexachlorocyclopentadiene	10.86	237	66847	34.61	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	11.12	196	136420	41.27	ng		100
43) 2,4,5-Trichlorophenol	11.20	196	130354	36.89	ng		99
45) 1,1'-Biphenyl	11.38	154	549167	34.15	ng		99
46) 2-Chloronaphthalene	11.39	162	425137	35.26	ng		98
47) 2-Nitroaniline	11.61	65	144183	37.10	ng		93
48) Acenaphthylene	12.05	152	695110	35.00	ng		100
49) Dimethylphthalate	11.95	163	546716	39.11	ng		100
50) 2,6-Dinitrotoluene	12.03	165	115088	41.41	ng	#	85
51) Acenaphthene	12.33	154	410167	35.75	ng		99
52) 3-Nitroaniline	12.30	138	117868	35.46	ng		95
53) 2,4-Dinitrophenol	12.50	184	18982	24.16	ng	#	89
54) Dibenzofuran	12.62	168	579266	36.73	ng		99
55) 4-Nitrophenol	12.71	139	58035m	30.58	ng		
56) 2,4-Dinitrotoluene	12.69	165	158284	40.49	ng	#	86
57) Fluorene	13.17	166	484538	35.94	ng		99
58) 2,3,4,6-Tetrachlorophenol	12.86	232	87449	32.60	ng		99
59) Diethylphthalate	13.09	149	532151	36.81	ng		98
60) 4-Chlorophenyl-phenylether	13.20	204	228797	37.01	ng		97
61) 4-Nitroaniline	13.30	138	109991	36.81	ng		98
62) Azobenzene	13.45	77	527866	37.76	ng		94
64) 4,6-Dinitro-2-methylphenol	13.35	198	48858	26.75	ng		98
65) n-Nitrosodiphenylamine	13.42	169	415972	37.15	ng		99
66) 4-Bromophenyl-phenylether	13.98	248	124994	38.98	ng	#	81
67) Hexachlorobenzene	14.05	284	123613	35.04	ng		97
68) Atrazine	14.34	200	120522	38.55	ng		98
69) Pentachlorophenol	14.41	266	31644	24.00	ng		98
70) Phenanthrene	14.71	178	657443	36.47	ng		100
71) Anthracene	14.79	178	685539	35.47	ng		100
72) Carbazole	15.09	167	586168	36.39	ng		99
73) Di-n-butylphthalate	15.68	149	842533	38.68	ng		100
74) Fluoranthene	16.47	202	619154	33.41	ng		98
76) Benzidine	16.71	184	125688	21.59	ng		99
77) Pyrene	16.78	202	614642	36.19	ng		99
79) Butylbenzylphthalate	17.70	149	295761	40.92	ng		88
80) Benzo(a)anthracene	18.35	228	413477	37.46	ng		100
81) 3,3'-Dichlorobenzidine	18.35	252	148222	42.63	ng		99
82) Chrysene	18.41	228	431144	37.23	ng		99
83) Bis(2-ethylhexyl)phthalate	18.46	149	403296	40.30	ng	#	96
84) Di-n-octyl phthalate	19.22	149	581193	40.36	ng		98
85) Indeno(1,2,3-cd)pyrene	21.21	276	470304	53.49	ng		98
87) Benzo(b)fluoranthene	19.62	252	413697	37.45	ng	#	95
88) Benzo(k)fluoranthene	19.66	252	339837m	30.49	ng		
89) Benzo(a)pyrene	19.98	252	381789	36.91	ng		99
90) Dibenzo(a,h)anthracene	21.22	278	385769	39.92	ng		97
91) Benzo(g,h,i)perylene	21.55	276	402530	40.69	ng		94

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

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