Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF080916\
Data File : BF089689.D
Acq On : 9 Aug 2016 15:29
Operator : UM/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDCCC040

Manual Integrations APPROVED
sohil
8/10/2016 9:20:15 AM

Quant Time: Aug 09 17:55:06 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	7.42	152	69684	20.00	ng		-0.03
21) Naphthalene-d8	9.44	136	291677	20.00	ng		-0.03
38) Acenaphthene-d10	12.26	164	132725	20.00	ng		-0.03
63) Phenanthrene-d10	14.65	188	252976	20.00	ng		-0.05
75) Chrysene-d12	18.35	240	151290	20.00	ng		-0.03
86) Perylene-d12	20.01	264	118779	20.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.29	112	342557	82.39	ng		-0.02
7) Phenol-d6	6.97	99	447258	79.30	ng		-0.01
23) Nitrobenzene-d5	8.33	82	402156	76.26	ng		-0.03
41) 2,4,6-Tribromophenol	13.55	330	89864	82.05	ng		-0.03
44) 2-Fluorobiphenyl	11.22	172	713195	69.84	ng		-0.03
78) Terphenyl-d14	17.02	244	556177	72.57	ng		-0.03
Target Compounds							Qvalue
2) 1,4-Dioxane	1.71	88	85399	35.83	ng		97
3) Pyridine	2.26	79	177300	40.48	ng		97
4) n-Nitrosodimethylamine	2.25	42	77422	41.41	ng		97
6) Aniline	6.91	93	268841	36.78	ng		98
8) 2-Chlorophenol	7.10	128	197593	38.71	ng		96
9) Benzaldehyde	6.72	77	101818m	49.76	ng		
10) Phenol	6.98	94	232689	40.19	ng		99
11) bis(2-Chloroethyl)ether	7.06	93	182963	36.78	ng		98
12) 1,3-Dichlorobenzene	7.31	146	205798	37.12	ng		97
13) 1,4-Dichlorobenzene	7.44	146	206588	37.36	ng		98
14) 1,2-Dichlorobenzene	7.67	146	200992	34.49	ng		98
15) Benzyl Alcohol	7.71	79	145724	39.41	ng		97
16) 2,2'-oxybis(1-Chloropropan	7.91	45	228905	36.13	ng	#	59
17) 2-Methylphenol	7.92	107	145648	39.51	ng		95
18) Hexachloroethane	8.19	117	80709	34.64	ng		100
19) n-Nitroso-di-n-propylamine	8.15	70	145320	35.67	ng		97
20) 3+4-Methylphenols	8.18	107	184195	39.58	ng		98
22) Acetophenone	8.11	105	257514	37.03	ng	#	99
24) Nitrobenzene	8.36	77	216066	43.14	ng		96
25) Isophorone	8.76	82	379422	37.58	ng		98
26) 2-Nitrophenol	8.87	139	96965	42.18	ng		89
27) 2,4-Dimethylphenol	9.00	122	158438	38.34	ng		98
28) bis(2-Chloroethoxy)methane	9.14	93	214555	35.12	ng		98
29) 2,4-Dichlorophenol	9.28	162	146318	37.42	ng		96
30) 1,2,4-Trichlorobenzene	9.37	180	164236	36.78	ng		96
31) Naphthalene	9.47	128	560475	36.15	ng		99
32) Benzoic acid	9.37	122	95125	36.64	ng		96
33) 4-Chloroaniline	9.62	127	209507	35.98	ng		94
34) Hexachlorobutadiene	9.69	225	91012	35.39	ng		99
35) Caprolactam	10.27	113	45325m	39.77	ng		
36) 4-Chloro-3-methylphenol	10.48	107	178413	39.25	ng		99
37) 2-Methylnaphthalene	10.59	142	339428	35.60	ng		100
39) 1,2,4,5-Tetrachlorobenzene	10.88	216	188804	37.85	ng		100
40) Hexachlorocyclopentadiene	10.86	237	57323	38.50	ng		100

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	11.10	196	98832	40.17	ng		98
43) 2,4,5-Trichlorophenol	11.16	196	109919	41.80	ng		94
45) 1,1'-Biphenyl	11.37	154	438990	36.68	ng		99
46) 2-Chloronaphthalene	11.38	162	327091	36.45	ng		99
47) 2-Nitroaniline	11.60	65	105992	36.64	ng	#	83
48) Acenaphthylene	12.03	152	532794	36.04	ng		100
49) Dimethylphthalate	11.93	163	404216	38.86	ng		99
50) 2,6-Dinitrotoluene	12.01	165	83400	40.32	ng	#	76
51) Acenaphthene	12.32	154	317436	37.18	ng		100
52) 3-Nitroaniline	12.27	138	87843	35.51	ng		92
53) 2,4-Dinitrophenol	12.48	184	28534	40.38	ng		99
54) Dibenzofuran	12.61	168	435912	37.14	ng		99
55) 4-Nitrophenol	12.65	139	49485	34.56	ng		84
56) 2,4-Dinitrotoluene	12.67	165	118146	40.61	ng	#	86
57) Fluorene	13.15	166	375885	37.46	ng		100
58) 2,3,4,6-Tetrachlorophenol	12.83	232	73966	37.05	ng		98
59) Diethylphthalate	13.07	149	410862	38.19	ng		100
60) 4-Chlorophenyl-phenylether	13.19	204	174855	38.01	ng		97
61) 4-Nitroaniline	13.28	138	83437	37.51	ng		93
62) Azobenzene	13.44	77	397595	38.21	ng		93
64) 4,6-Dinitro-2-methylphenol	13.34	198	59006	39.22	ng		84
65) n-Nitrosodiphenylamine	13.41	169	318701	37.30	ng		100
66) 4-Bromophenyl-phenylether	13.97	248	95730	39.12	ng	#	84
67) Hexachlorobenzene	14.03	284	96313	35.78	ng		93
68) Atrazine	14.32	200	91038	38.16	ng		98
69) Pentachlorophenol	14.39	266	40870	37.76	ng		99
70) Phenanthrene	14.70	178	517165	37.60	ng		99
71) Anthracene	14.78	178	545551	36.99	ng		100
72) Carbazole	15.06	167	455492	37.06	ng		99
73) Di-n-butylphthalate	15.66	149	629995	37.90	ng		99
74) Fluoranthene	16.46	202	512619	36.25	ng		100
76) Benzidine	16.70	184	143102	31.20	ng		100
77) Pyrene	16.75	202	500376	37.41	ng		99
79) Butylbenzylphthalate	17.69	149	230892	40.56	ng		99
80) Benzo(a)anthracene	18.34	228	327232	37.64	ng		99
81) 3,3'-Dichlorobenzidine	18.33	252	110897	40.49	ng		99
82) Chrysene	18.39	228	342001	37.50	ng		99
83) Bis(2-ethylhexyl)phthalate	18.43	149	293022	37.18	ng		100
84) Di-n-octyl phthalate	19.20	149	415981	36.68	ng		99
85) Indeno(1,2,3-cd)pyrene	21.18	276	317807	45.89	ng		100
87) Benzo(b)fluoranthene	19.61	252	264552	36.21	ng		100
88) Benzo(k)fluoranthene	19.63	252	263951m	35.81	ng		
89) Benzo(a)pyrene	19.95	252	249695	36.51	ng		99
90) Dibenzo(a,h)anthracene	21.19	278	261122	40.87	ng		99
91) Benzo(g,h,i)perylene	21.51	276	275808	42.16	ng		97

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

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