Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF031816\
Data File : BF085569.D
Acq On : 19 Mar 2016 12:09
Operator : UM/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Manual Integrations APPROVED
apatel
3/21/2016 5:08:20 PM

Quant Time: Mar 21 02:00:17 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031816.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 18 23:31:39 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	148860	20.00	ng	0.00
21) Naphthalene-d8	8.14	136	591529	20.00	ng	0.00
38) Acenaphthene-d10	9.90	164	275735	20.00	ng	0.00
63) Phenanthrene-d10	11.37	188	499871	20.00	ng	-0.01
75) Chrysene-d12	14.01	240	407606	20.00	ng	0.00
86) Perylene-d12	15.43	264	286440	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	751049	84.74	ng	0.00
7) Phenol-d6	6.49	99	936767	82.41	ng	0.00
23) Nitrobenzene-d5	7.42	82	830149	81.46	ng	-0.01
41) 2,4,6-Tribromophenol	10.69	330	234852	86.95	ng	0.00
44) 2-Fluorobiphenyl	9.22	172	1393091	86.59	ng	0.00
78) Terphenyl-d14	12.96	244	1282241	75.70	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.46	88	174846	40.59	ng	99
3) Pyridine	3.18	79	448327	42.38	ng	99
4) n-Nitrosodimethylamine	3.13	42	180016	40.76	ng	100
6) Aniline	6.52	93	615500	40.32	ng	98
8) 2-Chlorophenol	6.64	128	433050	42.24	ng	97
9) Benzaldehyde	6.40	77	219062	41.38	ng	97
10) Phenol	6.50	94	572641	44.23	ng	98
11) bis(2-Chloroethyl)ether	6.60	93	429798	44.04	ng	98
12) 1,3-Dichlorobenzene	6.79	146	438678m	39.26	ng	
13) 1,4-Dichlorobenzene	6.87	146	438390	38.47	ng	98
14) 1,2-Dichlorobenzene	7.03	146	419743	41.48	ng	98
15) Benzyl Alcohol	7.00	79	293938	37.75	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.13	45	524002	40.82	ng	99
17) 2-Methylphenol	7.11	107	337565	39.72	ng	100
18) Hexachloroethane	7.37	117	167888	40.80	ng	93
19) n-Nitroso-di-n-propylamine	7.28	70	277881	40.93	ng	97
20) 3+4-Methylphenols	7.27	107	386971	39.31	ng	97
22) Acetophenone	7.27	105	516379	36.79	ng	99
24) Nitrobenzene	7.44	77	432922	38.81	ng	98
25) Isophorone	7.68	82	797688	39.10	ng	98
26) 2-Nitrophenol	7.76	139	246993	44.80	ng	92
27) 2,4-Dimethylphenol	7.80	122	365178	37.46	ng	98
28) bis(2-Chloroethoxy)methane	7.90	93	470127	40.51	ng	99
29) 2,4-Dichlorophenol	8.00	162	338434	42.04	ng	98
30) 1,2,4-Trichlorobenzene	8.08	180	348873	38.69	ng	98
31) Naphthalene	8.16	128	1095898	36.70	ng	100
32) Benzoic acid	7.93	122	307928	37.78	ng	99
33) 4-Chloroaniline	8.22	127	490961	40.12	ng	96
34) Hexachlorobutadiene	8.29	225	191548	39.86	ng	99
35) Caprolactam	8.60	113	110107	39.75	ng	97
36) 4-Chloro-3-methylphenol	8.70	107	393038	41.80	ng	96
37) 2-Methylnaphthalene	8.86	142	736305	40.46	ng	98
39) 1,2,4,5-Tetrachlorobenzene	9.02	216	316407	37.83	ng	99
40) Hexachlorocyclopentadiene	9.01	237	162229	43.03	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.13	196	242780	42.40	ng		99
43) 2,4,5-Trichlorophenol	9.17	196	225200	38.65	ng	#	83
45) 1,1'-Biphenyl	9.32	154	859745	36.14	ng		99
46) 2-Chloronaphthalene	9.34	162	670475	38.59	ng	#	91
47) 2-Nitroaniline	9.44	65	236947	45.08	ng		90
48) Acenaphthylene	9.76	152	1185935	42.18	ng		99
49) Dimethylphthalate	9.62	163	849966	40.85	ng		100
50) 2,6-Dinitrotoluene	9.68	165	167815	38.20	ng		95
51) Acenaphthene	9.93	154	740795	41.98	ng		99
52) 3-Nitroaniline	9.85	138	225264	40.94	ng		96
53) 2,4-Dinitrophenol	9.96	184	99311	36.91	ng	#	87
54) Dibenzofuran	10.10	168	919497	42.79	ng		96
55) 4-Nitrophenol	10.01	139	178097	41.89	ng		91
56) 2,4-Dinitrotoluene	10.08	165	221571	38.53	ng	#	53
57) Fluorene	10.45	166	718628	40.13	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.22	232	174595	41.62	ng		97
59) Diethylphthalate	10.32	149	857455	41.45	ng		99
60) 4-Chlorophenyl-phenylether	10.44	204	356360	40.75	ng		91
61) 4-Nitroaniline	10.47	138	231161	42.63	ng		94
62) Azobenzene	10.60	77	822745	41.45	ng		95
64) 4,6-Dinitro-2-methylphenol	10.49	198	129598	40.52	ng		84
65) n-Nitrosodiphenylamine	10.55	169	613180	39.38	ng		99
66) 4-Bromophenyl-phenylether	10.93	248	222589	44.57	ng	#	90
67) Hexachlorobenzene	11.00	284	226504	42.69	ng	#	87
68) Atrazine	11.09	200	200809	42.36	ng		94
69) Pentachlorophenol	11.18	266	127847	39.69	ng		99
70) Phenanthrene	11.41	178	1096467	41.60	ng		99
71) Anthracene	11.45	178	1069762	38.71	ng		100
72) Carbazole	11.61	167	1010009	42.36	ng		98
73) Di-n-butylphthalate	11.94	149	1291795	43.27	ng		98
74) Fluoranthene	12.58	202	997310	36.14	ng		97
76) Benzidine	12.71	184	541293	39.49	ng		99
77) Pyrene	12.81	202	1029962	35.19	ng		99
79) Butylbenzylphthalate	13.43	149	484279	34.71	ng	#	75
80) Benzo(a)anthracene	14.00	228	898645	37.98	ng		99
81) 3,3'-Dichlorobenzidine	13.97	252	338117	38.99	ng	#	96
82) Chrysene	14.04	228	736824	32.37	ng		99
83) Bis(2-ethylhexyl)phthalate	13.99	149	623774	35.99	ng	#	98
84) Di-n-octyl phthalate	14.61	149	1043469	36.95	ng		99
85) Indeno(1,2,3-cd)pyrene	16.84	276	674343	35.45	ng		100
87) Benzo(b)fluoranthene	15.03	252	776823m	41.56	ng		
88) Benzo(k)fluoranthene	15.05	252	617835m	40.12	ng		
89) Benzo(a)pyrene	15.37	252	647487	40.86	ng		98
90) Dibenzo(a,h)anthracene	16.85	278	562163	42.54	ng		98
91) Benzo(g,h,i)perylene	17.26	276	558338	43.65	ng		95

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

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