Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF043016\
Data File : BF086538.D
Acq On : 30 Apr 2016 23:03
Operator : UM/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
sohil
5/2/2016 7:54:17 PM

Quant Time: May 01 05:23:25 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF042716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 27 14:20:52 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.77	152	156386	20.00	ng		-0.03
21) Naphthalene-d8	8.05	136	660013	20.00	ng		-0.05
38) Acenaphthene-d10	9.80	164	318488	20.00	ng		-0.05
63) Phenanthrene-d10	11.29	188	602099	20.00	ng		-0.03
75) Chrysene-d12	13.92	240	429547	20.00	ng		-0.05
86) Perylene-d12	15.31	264	356205	20.00	ng		-0.05
System Monitoring Compounds							
5) 2-Fluorophenol	5.34	112	749546	82.67	ng		-0.04
7) Phenol-d6	6.41	99	992045	78.40	ng		-0.03
23) Nitrobenzene-d5	7.34	82	1055021	86.16	ng		-0.03
41) 2,4,6-Tribromophenol	10.59	330	273644	81.47	ng		-0.05
44) 2-Fluorobiphenyl	9.14	172	1605854	89.17	ng		-0.03
78) Terphenyl-d14	12.86	244	1568515	80.45	ng		-0.05
Target Compounds							Qvalue
2) 1,4-Dioxane	2.28	88	193914	40.72	ng	#	76
3) Pyridine	2.97	79	516599	45.83	ng	#	72
4) n-Nitrosodimethylamine	2.92	42	273001	42.49	ng	#	60
6) Aniline	6.43	93	644676	42.10	ng		99
8) 2-Chlorophenol	6.56	128	445656	39.46	ng		95
9) Benzaldehyde	6.32	77	278404	37.82	ng		91
10) Phenol	6.42	94	543092	38.47	ng	#	65
11) bis(2-Chloroethyl)ether	6.51	93	521580	42.74	ng		93
12) 1,3-Dichlorobenzene	6.70	146	456196m	37.56	ng		
13) 1,4-Dichlorobenzene	6.78	146	490261	39.12	ng		95
14) 1,2-Dichlorobenzene	6.94	146	428382	37.27	ng		95
15) Benzyl Alcohol	6.92	79	337732	42.19	ng		92
16) 2,2'-oxybis(1-Chloropropan	7.05	45	979343	40.09	ng		91
17) 2-Methylphenol	7.04	107	382843	41.94	ng		94
18) Hexachloroethane	7.28	117	175069	37.38	ng		94
19) n-Nitroso-di-n-propylamine	7.20	70	359970	43.04	ng	#	80
20) 3+4-Methylphenols	7.18	107	419021	40.21	ng	#	76
22) Acetophenone	7.18	105	584522	40.39	ng	#	89
24) Nitrobenzene	7.36	77	534941	42.47	ng		99
25) Isophorone	7.60	82	923179	39.17	ng		99
26) 2-Nitrophenol	7.68	139	254731	43.92	ng		97
27) 2,4-Dimethylphenol	7.72	122	428614	42.12	ng		95
28) bis(2-Chloroethoxy)methane	7.81	93	550884	42.91	ng		99
29) 2,4-Dichlorophenol	7.92	162	370220	43.12	ng		98
30) 1,2,4-Trichlorobenzene	8.00	180	381010	38.25	ng		96
31) Naphthalene	8.08	128	1229077	36.60	ng		98
32) Benzoic acid	7.85	122	219209	37.85	ng		86
33) 4-Chloroaniline	8.13	127	556856	44.28	ng		98
34) Hexachlorobutadiene	8.20	225	214481	38.41	ng		99
35) Caprolactam	8.51	113	117520	41.03	ng	#	59
36) 4-Chloro-3-methylphenol	8.61	107	402347	40.93	ng		90
37) 2-Methylnaphthalene	8.77	142	801303	40.43	ng		99
39) 1,2,4,5-Tetrachlorobenzene	8.93	216	348304	38.21	ng		98
40) Hexachlorocyclopentadiene	8.92	237	166699	36.80	ng		95

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF043016\
Data File : BF086538.D
Acq On : 30 Apr 2016 23:03
Operator : UM/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
sohil
5/2/2016 7:54:17 PM

Quant Time: May 01 05:23:25 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF042716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 27 14:20:52 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.05	196	240999	41.82	ng		94
43) 2,4,5-Trichlorophenol	9.09	196	256392	40.82	ng		95
45) 1,1'-Biphenyl	9.23	154	978537	36.76	ng		96
46) 2-Chloronaphthalene	9.25	162	764562	37.77	ng		94
47) 2-Nitroaniline	9.36	65	311539	48.00	ng		89
48) Acenaphthylene	9.66	152	1214731	38.39	ng		99
49) Dimethylphthalate	9.54	163	939587	39.19	ng		100
50) 2,6-Dinitrotoluene	9.60	165	197995	39.97	ng	#	80
51) Acenaphthene	9.84	154	812206	39.97	ng		99
52) 3-Nitroaniline	9.77	138	261558	46.43	ng		93
53) 2,4-Dinitrophenol	9.87	184	96770	40.06	ng	#	85
54) Dibenzofuran	10.01	168	987385	38.88	ng		94
55) 4-Nitrophenol	9.93	139	151994	41.21	ng	#	62
56) 2,4-Dinitrotoluene	10.00	165	259488	41.09	ng	#	87
57) Fluorene	10.35	166	766891	34.78	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.13	232	208393	42.44	ng		97
59) Diethylphthalate	10.24	149	932221	41.07	ng		97
60) 4-Chlorophenyl-phenylether	10.35	204	399973	39.95	ng		88
61) 4-Nitroaniline	10.38	138	249790	45.36	ng		88
62) Azobenzene	10.51	77	1057676	42.54	ng		90
64) 4,6-Dinitro-2-methylphenol	10.41	198	148485	42.01	ng	#	65
65) n-Nitrosodiphenylamine	10.46	169	723171	38.43	ng		99
66) 4-Bromophenyl-phenylether	10.84	248	253219	40.81	ng	#	77
67) Hexachlorobenzene	10.90	284	269513	37.53	ng	#	79
68) Atrazine	11.00	200	265252	46.94	ng		96
69) Pentachlorophenol	11.09	266	147665	39.00	ng		99
70) Phenanthrene	11.31	178	1178950	37.31	ng		99
71) Anthracene	11.37	178	1385346	41.08	ng		100
72) Carbazole	11.52	167	1158825	38.77	ng		99
73) Di-n-butylphthalate	11.86	149	1425185	42.09	ng		99
74) Fluoranthene	12.49	202	1284457	40.27	ng		99
76) Benzidine	12.62	184	615256	41.68	ng		98
77) Pyrene	12.72	202	1230335	39.75	ng		99
79) Butylbenzylphthalate	13.35	149	540849	40.35	ng	#	77
80) Benzo(a)anthracene	13.91	228	932897	40.73	ng		99
81) 3,3'-Dichlorobenzidine	13.87	252	586208	38.29	ng		100
82) Chrysene	13.94	228	927427	37.26	ng		99
83) Bis(2-ethylhexyl)phthalate	13.91	149	564179	33.91	ng		97
84) Di-n-octyl phthalate	14.51	149	886010	34.00	ng	#	87
85) Indeno(1,2,3-cd)pyrene	16.65	276	912126	49.45	ng		97
87) Benzo(b)fluoranthene	14.92	252	904131m	43.15	ng		
88) Benzo(k)fluoranthene	14.95	252	738702m	33.80	ng		
89) Benzo(a)pyrene	15.25	252	782690	39.56	ng		99
90) Dibenzo(a,h)anthracene	16.66	278	757341	46.78	ng		99
91) Benzo(g,h,i)perylene	17.05	276	775484	47.80	ng		95

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

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF043016\
Data File : BF086538.D
Acq On : 30 Apr 2016 23:03
Operator : UM/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: May 01 05:23:25 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF042716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 27 14:20:52 2016
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
sohil
5/2/2016 7:54:17 PM