Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051916\
Data File : BF087204.D
Acq On : 20 May 2016 00:32
Operator : UM/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDCCC040EC

Manual Integrations APPROVED
sohil
5/20/2016 7:14:02 PM

Quant Time: May 20 13:58:03 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF051716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 17 16:55:01 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.57	152	129379	20.00	ng		-0.03
21) Naphthalene-d8	7.86	136	572961	20.00	ng		-0.03
38) Acenaphthene-d10	9.61	164	266024	20.00	ng		-0.03
63) Phenanthrene-d10	11.08	188	477481	20.00	ng		-0.03
75) Chrysene-d12	13.71	240	298266	20.00	ng		-0.05
86) Perylene-d12	15.06	264	282643	20.00	ng		-0.05
System Monitoring Compounds							
5) 2-Fluorophenol	5.14	112	637099	82.77	ng		-0.06
7) Phenol-d6	6.24	99	778804	75.44	ng		-0.05
23) Nitrobenzene-d5	7.15	82	906068	78.81	ng		-0.03
41) 2,4,6-Tribromophenol	10.40	330	216511	73.65	ng		-0.05
44) 2-Fluorobiphenyl	8.94	172	1163561	72.44	ng		-0.05
78) Terphenyl-d14	12.66	244	1080016	81.91	ng		-0.05
Target Compounds							Qvalue
2) 1,4-Dioxane	1.96	88	150926	38.12	ng	#	73
3) Pyridine	2.59	79	414530	43.28	ng	#	61
4) n-Nitrosodimethylamine	2.56	42	283706	41.80	ng	#	49
6) Aniline	6.24	93	522442	39.84	ng		90
8) 2-Chlorophenol	6.35	128	372450	39.77	ng	#	81
9) Benzaldehyde	6.11	77	207290	36.53	ng		98
10) Phenol	6.25	94	524270	40.40	ng		72
11) bis(2-Chloroethyl)ether	6.32	93	396075	40.65	ng		92
12) 1,3-Dichlorobenzene	6.50	146	386044m	38.78	ng		
13) 1,4-Dichlorobenzene	6.58	146	401279m	39.40	ng		
14) 1,2-Dichlorobenzene	6.74	146	363234	40.73	ng		98
15) Benzyl Alcohol	6.73	79	317098	41.26	ng	#	83
16) 2,2'-oxybis(1-Chloropropan	6.86	45	786268	39.25	ng		71
17) 2-Methylphenol	6.87	107	296167	38.51	ng	#	80
18) Hexachloroethane	7.07	117	144802	37.19	ng		100
19) n-Nitroso-di-n-propylamine	7.00	70	300896	38.34	ng	#	70
20) 3+4-Methylphenols	7.02	107	419472	41.35	ng	#	61
22) Acetophenone	6.99	105	543283	38.75	ng	#	96
24) Nitrobenzene	7.16	77	430266	34.28	ng		93
25) Isophorone	7.40	82	773225	36.74	ng		97
26) 2-Nitrophenol	7.48	139	202592	38.96	ng	#	85
27) 2,4-Dimethylphenol	7.54	122	341533	38.49	ng		89
28) bis(2-Chloroethoxy)methane	7.62	93	412507	35.70	ng	#	97
29) 2,4-Dichlorophenol	7.74	162	313453	40.08	ng		98
30) 1,2,4-Trichlorobenzene	7.80	180	334229	38.52	ng		98
31) Naphthalene	7.88	128	1079120	38.55	ng		100
32) Benzoic acid	7.70	122	192421m	36.38	ng		
33) 4-Chloroaniline	7.94	127	424177	36.45	ng	#	86
34) Hexachlorobutadiene	8.00	225	195886	39.78	ng		100
35) Caprolactam	8.33	113	104502	40.13	ng	#	49
36) 4-Chloro-3-methylphenol	8.44	107	341023	36.15	ng		85
37) 2-Methylnaphthalene	8.57	142	670432	37.44	ng		97
39) 1,2,4,5-Tetrachlorobenzene	8.74	216	314043	40.42	ng		99
40) Hexachlorocyclopentadiene	8.72	237	51435	23.31	ng		95

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051916\
Data File : BF087204.D
Acq On : 20 May 2016 00:32
Operator : UM/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Manual Integrations APPROVED
sohil
5/20/2016 7:14:02 PM

Quant Time: May 20 13:58:03 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF051716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 17 16:55:01 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.87	196	196746	39.05	ng		90
43) 2,4,5-Trichlorophenol	8.91	196	193696	37.00	ng		96
45) 1,1'-Biphenyl	9.04	154	947027	42.93	ng		99
46) 2-Chloronaphthalene	9.06	162	668519	39.48	ng		100
47) 2-Nitroaniline	9.16	65	245397	37.82	ng	#	67
48) Acenaphthylene	9.46	152	981806	37.97	ng		98
49) Dimethylphthalate	9.35	163	772828	38.08	ng		99
50) 2,6-Dinitrotoluene	9.42	165	186098	42.23	ng		95
51) Acenaphthene	9.63	154	600735	37.19	ng		98
52) 3-Nitroaniline	9.59	138	208926	43.80	ng		96
53) 2,4-Dinitrophenol	9.70	184	49525	23.19	ng	#	77
54) Dibenzofuran	9.82	168	797429	38.17	ng		98
55) 4-Nitrophenol	9.78	139	77938m	35.90	ng		
56) 2,4-Dinitrotoluene	9.82	165	196572	34.83	ng	#	72
57) Fluorene	10.15	166	617174	36.77	ng		99
58) 2,3,4,6-Tetrachlorophenol	9.94	232	152864	37.49	ng		98
59) Diethylphthalate	10.04	149	810124	41.82	ng		98
60) 4-Chlorophenyl-phenylether	10.15	204	317796	39.95	ng		94
61) 4-Nitroaniline	10.20	138	192869	40.95	ng		84
62) Azobenzene	10.31	77	868086	38.89	ng		88
64) 4,6-Dinitro-2-methylphenol	10.23	198	82267	26.16	ng	#	42
65) n-Nitrosodiphenylamine	10.27	169	613997	40.86	ng		99
66) 4-Bromophenyl-phenylether	10.64	248	193829	39.48	ng	#	74
67) Hexachlorobenzene	10.70	284	219637	38.58	ng	#	79
68) Atrazine	10.81	200	192631	39.30	ng		95
69) Pentachlorophenol	10.90	266	82111	38.40	ng		95
70) Phenanthrene	11.11	178	1022556	39.49	ng		100
71) Anthracene	11.15	178	969842	37.03	ng		99
72) Carbazole	11.32	167	921624	38.52	ng		100
73) Di-n-butylphthalate	11.66	149	1124901	40.93	ng	#	99
74) Fluoranthene	12.28	202	913186	35.20	ng		97
76) Benzidine	12.42	184	369700	46.74	ng		98
77) Pyrene	12.51	202	974311	45.22	ng		99
79) Butylbenzylphthalate	13.14	149	448487	49.30	ng	#	82
80) Benzo(a)anthracene	13.70	228	666339	38.64	ng		99
81) 3,3'-Dichlorobenzidine	13.67	252	509143	46.40	ng		100
82) Chrysene	13.74	228	710280	42.57	ng		99
83) Bis(2-ethylhexyl)phthalate	13.70	149	531902	48.05	ng		97
84) Di-n-octyl phthalate	14.31	149	800406	41.97	ng	#	84
85) Indeno(1,2,3-cd)pyrene	16.30	276	655015	44.72	ng		94
87) Benzo(b)fluoranthene	14.70	252	605676m	32.30	ng		
88) Benzo(k)fluoranthene	14.72	252	615837m	44.12	ng		
89) Benzo(a)pyrene	15.01	252	586949	37.45	ng		97
90) Dibenzo(a,h)anthracene	16.30	278	544094	41.23	ng		96
91) Benzo(g,h,i)perylene	16.66	276	547427	41.07	ng	#	88

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

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051916\
Data File : BF087204.D
Acq On : 20 May 2016 00:32
Operator : UM/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: May 20 13:58:03 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF051716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 17 16:55:01 2016
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Manual Integrations APPROVED
sohil
5/20/2016 7:14:02 PM