Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF020116\
Data File : BF084732.D
Acq On : 2 Feb 2016 1:55
Operator : SJ/IZ
Sample : H1294-02MS
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EP002MS

Manual Integrations APPROVED
mohammad
2/2/2016 4:18:37 PM

Quant Time: Feb 02 04:02:35 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF020116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Feb 01 14:55:11 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	159025	20.00	ng		-0.01
21) Naphthalene-d8	8.00	136	627555	20.00	ng		-0.02
38) Acenaphthene-d10	9.76	164	302004	20.00	ng		-0.01
63) Phenanthrene-d10	11.23	188	588211	20.00	ng		-0.01
75) Chrysene-d12	13.86	240	405795	20.00	ng		-0.01
86) Perylene-d12	15.24	264	341197	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.31	112	1193249	116.88	ng		0.00
7) Phenol-d6	6.36	99	1601770	126.55	ng		-0.01
23) Nitrobenzene-d5	7.29	82	1081841	97.11	ng		-0.01
41) 2,4,6-Tribromophenol	10.54	330	448904	142.50	ng		-0.01
44) 2-Fluorobiphenyl	9.08	172	1735320	105.07	ng		-0.01
78) Terphenyl-d14	12.82	244	1640822	91.63	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.26	88	148629	33.24	ng	#	76
3) Pyridine	2.93	79	429648	36.87	ng	#	75
4) n-Nitrosodimethylamine	2.89	42	221528	36.76	ng	#	82
6) Aniline	6.37	93	438592	28.32	ng	#	56
8) 2-Chlorophenol	6.50	128	470952	40.75	ng		96
9) Benzaldehyde	6.26	77	197998	26.49	ng		86
10) Phenol	6.37	94	454933	32.08	ng	#	50
11) bis(2-Chloroethyl)ether	6.45	93	407240m	36.83	ng		
12) 1,3-Dichlorobenzene	6.65	146	444681m	36.42	ng		
13) 1,4-Dichlorobenzene	6.73	146	450310	36.89	ng		97
14) 1,2-Dichlorobenzene	6.89	146	408263m	35.91	ng		
15) Benzyl Alcohol	6.86	79	378847	43.35	ng		93
16) 2,2'-oxybis(1-Chloropropan	7.00	45	685369	36.85	ng		86
17) 2-Methylphenol	6.99	107	365034	39.94	ng		93
18) Hexachloroethane	7.22	117	172027	36.60	ng		92
19) n-Nitroso-di-n-propylamine	7.14	70	323736	40.80	ng	#	80
20) 3+4-Methylphenols	7.14	107	430245	37.93	ng	#	81
22) Acetophenone	7.13	105	622775	37.65	ng		99
24) Nitrobenzene	7.30	77	435191	36.48	ng		95
25) Isophorone	7.54	82	830115	38.32	ng		98
26) 2-Nitrophenol	7.62	139	252295	42.88	ng	#	91
27) 2,4-Dimethylphenol	7.66	122	378163	36.95	ng		95
28) bis(2-Chloroethoxy)methane	7.76	93	497763	38.73	ng		99
29) 2,4-Dichlorophenol	7.86	162	354185	40.45	ng		94
30) 1,2,4-Trichlorobenzene	7.94	180	376695	38.09	ng		96
31) Naphthalene	8.02	128	1207888	38.37	ng		99
32) Benzoic acid	7.74	122	21299	3.25	ng		92
33) 4-Chloroaniline	8.08	127	318813	24.49	ng		94
34) Hexachlorobutadiene	8.14	225	231419	40.58	ng		99
35) Caprolactam	8.44	113	114243	42.33	ng	#	40
36) 4-Chloro-3-methylphenol	8.57	107	395876	39.63	ng		94
37) 2-Methylnaphthalene	8.72	142	884423	44.89	ng		96
39) 1,2,4,5-Tetrachlorobenzene	8.88	216	334003	34.82	ng		97
40) Hexachlorocyclopentadiene	8.86	237	310630	75.21	ng		98

Data Path : Z:\HPCHEM1\BNA F\DATA\BF020116\
Data File : BF084732.D
Acq On : 2 Feb 2016 1:55
Operator : SJ/IZ
Sample : H1294-02MS
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EP002MS

Manual Integrations APPROVED
mohammad
2/2/2016 4:18:37 PM

Quant Time: Feb 02 04:02:35 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF020116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Feb 01 14:55:11 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.00	196	241354	39.06	ng		91
43) 2,4,5-Trichlorophenol	9.04	196	249287	39.70	ng	#	84
45) 1,1'-Biphenyl	9.17	154	965270	35.78	ng		98
46) 2-Chloronaphthalene	9.20	162	718770	36.18	ng		96
47) 2-Nitroaniline	9.30	65	240782	38.28	ng		98
48) Acenaphthylene	9.61	152	1166790	38.71	ng		99
49) Dimethylphthalate	9.49	163	1150131	50.00	ng	#	91
50) 2,6-Dinitrotoluene	9.55	165	211893	42.17	ng		98
51) Acenaphthene	9.79	154	745027	37.99	ng		97
52) 3-Nitroaniline	9.71	138	160171	28.37	ng		96
53) 2,4-Dinitrophenol	9.82	184	100953	46.17	ng	#	81
54) Dibenzofuran	9.96	168	1051383	43.86	ng		98
55) 4-Nitrophenol	9.89	139	314407	75.76	ng	#	84
56) 2,4-Dinitrotoluene	9.95	165	285355	44.52	ng		93
57) Fluorene	10.29	166	767436	38.34	ng		98
58) 2,3,4,6-Tetrachlorophenol	10.08	232	208142	43.55	ng		93
59) Diethylphthalate	10.18	149	886331	39.46	ng		98
60) 4-Chlorophenyl-phenylether	10.29	204	375201	44.54	ng		98
61) 4-Nitroaniline	10.33	138	225662	41.01	ng		91
62) Azobenzene	10.45	77	994711	46.06	ng		93
64) 4,6-Dinitro-2-methylphenol	10.35	198	131759	36.29	ng	#	56
65) n-Nitrosodiphenylamine	10.42	169	786269	42.10	ng		99
66) 4-Bromophenyl-phenylether	10.78	248	262163	40.35	ng		98
67) Hexachlorobenzene	10.84	284	260567	36.81	ng	#	89
68) Atrazine	10.94	200	219345	37.19	ng		99
69) Pentachlorophenol	11.05	266	255126	76.69	ng		97
70) Phenanthrene	11.25	178	1200020	36.78	ng		98
71) Anthracene	11.31	178	1307559	39.78	ng		100
72) Carbazole	11.47	167	1125162	39.25	ng	#	97
73) Di-n-butylphthalate	11.80	149	1286822	35.26	ng	#	96
74) Fluoranthene	12.44	202	1329232	40.26	ng		93
76) Benzidine	12.57	184	498168	34.62	ng		98
77) Pyrene	12.66	202	1298507	41.79	ng		99
79) Butylbenzylphthalate	13.30	149	601354	42.67	ng	#	85
80) Benzo(a)anthracene	13.85	228	1010515	40.12	ng		99
81) 3,3'-Dichlorobenzidine	13.81	252	181284	20.33	ng	#	93
82) Chrysene	13.88	228	944118	38.66	ng		99
83) Bis(2-ethylhexyl)phthalate	13.86	149	752093	42.88	ng	#	96
84) Di-n-octyl phthalate	14.47	149	1188808	41.08	ng	#	88
85) Indeno(1,2,3-cd)pyrene	16.55	276	823175	42.82	ng		99
87) Benzo(b)fluoranthene	14.85	252	1038500m	45.30	ng		
88) Benzo(k)fluoranthene	14.89	252	642415m	33.89	ng		
89) Benzo(a)pyrene	15.19	252	765610	39.20	ng	#	97
90) Dibenzo(a,h)anthracene	16.56	278	671526	40.84	ng		98
91) Benzo(g,h,i)perylene	16.93	276	695124	41.97	ng		98

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

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF020116\
Data File : BF084732.D
Acq On : 2 Feb 2016 1:55
Operator : SJ/IZ
Sample : H1294-02MS
Misc :
ALS Vial : 30 Sample Multiplier: 1

Quant Time: Feb 02 04:02:35 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF020116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Feb 01 14:55:11 2016
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
EP002MS

Manual Integrations APPROVED
mohammad
2/2/2016 4:18:37 PM