Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF041818\
Data File : BF104595.D
Acq On : 18 Apr 2018 12:25
Operator : JU/SJ
Sample : J2408-02MS
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NAA-WS-006MS

Manual Integrations APPROVED
Sohil
4/19/2018 12:42:51 PM

Quant Time: Apr 18 15:07:22 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 18 11:52:19 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	132000	20.00	ng		0.00
21) Naphthalene-d8	8.09	136	550313	20.00	ng		0.00
38) Acenaphthene-d10	9.85	164	253775	20.00	ng		0.00
63) Phenanthrene-d10	11.33	188	450825	20.00	ng		0.00
75) Chrysene-d12	13.98	240	282169	20.00	ng		0.00
86) Perylene-d12	15.44	264	242750	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.43	112	951081	110.17	ng		0.01
7) Phenol-d6	6.45	99	1194411	112.61	ng		0.00
23) Nitrobenzene-d5	7.37	82	752183	89.25	ng		0.00
41) 2,4,6-Tribromophenol	10.64	330	300631	114.20	ng		0.00
44) 2-Fluorobiphenyl	9.17	172	1285044	79.99	ng		0.00
78) Terphenyl-d14	12.92	244	1176437	95.05	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.57	88	132445	32.926	ng		90
3) Pyridine	3.31	79	366030	32.365	ng		87
4) n-Nitrosodimethylamine	3.26	42	149094	37.713	ng	#	73
6) Aniline	6.47	93	254197	17.250	ng		96
8) 2-Chlorophenol	6.59	128	357313	39.215	ng		95
9) Benzaldehyde	6.36	77	221153	41.854	ng		94
10) Phenol	6.46	94	448718	39.871	ng		92
11) bis(2-Chloroethyl)ether	6.55	93	344991	38.413	ng		94
12) 1,3-Dichlorobenzene	6.75	146	376011	36.426	ng		99
13) 1,4-Dichlorobenzene	6.82	146	380936	37.021	ng		99
14) 1,2-Dichlorobenzene	6.97	146	353116	37.032	ng		99
15) Benzyl Alcohol	6.95	79	296260	36.774	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.08	45	437976	36.313	ng		90
17) 2-Methylphenol	7.06	107	297817	37.602	ng		97
18) Hexachloroethane	7.32	117	137719	37.539	ng		98
19) n-Nitroso-di-n-propylamine	7.22	70	232218	33.503	ng		92
20) 3+4-Methylphenols	7.22	107	347822	35.409	ng	#	63
22) Acetophenone	7.22	105	466170	34.408	ng		96
24) Nitrobenzene	7.39	77	371818	39.960	ng		95
25) Isophorone	7.63	82	675356	37.895	ng		99
26) 2-Nitrophenol	7.70	139	198735	52.465	ng		97
27) 2,4-Dimethylphenol	7.75	122	305578	38.852	ng		99
28) bis(2-Chloroethoxy)methane	7.84	93	439768	40.359	ng		99
29) 2,4-Dichlorophenol	7.95	162	296811	39.551	ng		97
30) 1,2,4-Trichlorobenzene	8.03	180	301639	36.625	ng		98
31) Naphthalene	8.11	128	1015034	37.041	ng		99
32) Benzoic acid	7.83	122	55248	8.804	ng		97
33) 4-Chloroaniline	8.16	127	87327	7.439	ng		97
34) Hexachlorobutadiene	8.22	225	164591	36.485	ng		99
35) Caprolactam	8.53	113	92591m	35.367	ng		
36) 4-Chloro-3-methylphenol	8.65	107	314894	39.132	ng		99
37) 2-Methylnaphthalene	8.80	142	672578	37.944	ng		99
39) 1,2,4,5-Tetrachlorobenzene	8.97	216	281559	38.758	ng		99
40) Hexachlorocyclopentadiene	8.95	237	256499	63.069	ng		97

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF041818\
Data File : BF104595.D
Acq On : 18 Apr 2018 12:25
Operator : JU/SJ
Sample : J2408-02MS
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
NAA-WS-006MS

Manual Integrations APPROVED
Sohil
4/19/2018 12:42:51 PM

Quant Time: Apr 18 15:07:22 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 18 11:52:19 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.08	196	199065	39.474	ng		100
43) 2,4,5-Trichlorophenol	9.12	196	212404	37.639	ng		99
45) 1,1'-Biphenyl	9.27	154	787087	36.920	ng		98
46) 2-Chloronaphthalene	9.29	162	624089	37.062	ng		99
47) 2-Nitroaniline	9.39	65	189672	45.547	ng		95
48) Acenaphthylene	9.71	152	940952	35.615	ng		100
49) Dimethylphthalate	9.57	163	837381	41.844	ng		99
50) 2,6-Dinitrotoluene	9.63	165	164458	44.412	ng		95
51) Acenaphthene	9.88	154	545181	33.820	ng		99
52) 3-Nitroaniline	9.80	138	78907	18.202	ng		97
53) 2,4-Dinitrophenol	9.91	184	102354	70.785	ng	#	23
54) Dibenzofuran	10.05	168	830181	36.955	ng		98
55) 4-Nitrophenol	9.97	139	253791	74.526	ng		91
56) 2,4-Dinitrotoluene	10.04	165	211027	43.445	ng		91
57) Fluorene	10.40	166	632042	38.654	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.17	232	163939	38.940	ng		96
59) Diethylphthalate	10.27	149	700546	35.149	ng		98
60) 4-Chlorophenyl-phenylether	10.39	204	289606	39.770	ng		95
61) 4-Nitroaniline	10.42	138	168764	39.814	ng		96
62) Azobenzene	10.54	77	673262	35.358	ng		96
64) 4,6-Dinitro-2-methylphenol	10.45	198	96955	44.747	ng		85
65) n-Nitrosodiphenylamine	10.50	169	578396	37.003	ng		99
66) 4-Bromophenyl-phenylether	10.87	248	181921	37.937	ng		96
67) Hexachlorobenzene	10.94	284	200102	37.085	ng		96
68) Atrazine	11.03	200	186150	39.453	ng		98
69) Pentachlorophenol	11.14	266	187208	56.082	ng		97
70) Phenanthrene	11.36	178	909083	36.210	ng		99
71) Anthracene	11.41	178	933539	36.580	ng		100
72) Carbazole	11.57	167	843699	33.832	ng		99
73) Di-n-butylphthalate	11.89	149	1066002	34.993	ng		99
74) Fluoranthene	12.55	202	899635	34.297	ng		96
76) Benzidine	12.67	184	276601	25.831	ng		100
77) Pyrene	12.78	202	880313	42.089	ng		99
79) Butylbenzylphthalate	13.39	149	397956	40.387	ng		96
80) Benzo(a)anthracene	13.97	228	657728	39.018	ng		99
81) 3,3'-Dichlorobenzidine	13.93	252	131269	20.885	ng		98
82) Chrysene	14.00	228	622776	35.968	ng		99
83) Bis(2-ethylhexyl)phthalate	13.95	149	530754	41.877	ng		99
84) Di-n-octyl phthalate	14.57	149	793725	37.480	ng	#	95
85) Indeno(1,2,3-cd)pyrene	16.90	276	703292	47.815	ng		97
87) Benzo(b)fluoranthene	15.02	252	544223	35.497	ng		98
88) Benzo(k)fluoranthene	15.04	252	557705	38.530	ng		99
89) Benzo(a)pyrene	15.38	252	539401	39.321	ng		99
90) Dibenzo(a,h)anthracene	16.91	278	584987	51.922	ng		99
91) Benzo(g,h,i)perylene	17.34	276	607984	55.699	ng		95

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

Data Path : Z:\HPCHEM1\BNA F\DATA\BF041818\
Data File : BF104595.D
Acq On : 18 Apr 2018 12:25
Operator : JU/SJ
Sample : J2408-02MS
Misc :
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Apr 18 15:07:22 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 18 11:52:19 2018
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
NAA-WS-006MS

Manual Integrations APPROVED
Sohil
4/19/2018 12:42:51 PM