Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF122819\
Data File : BF118372.D
Acq On : 28 Dec 2019 18:30
Operator : JU
Sample : K6438-02MS
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DUNR-BF001-01MS

Manual Integrations APPROVED
mohammad
12/30/2019 2:08:44 PM

Quant Time: Dec 29 07:47:25 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF122419.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 24 15:58:52 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	120663	20.00	ng		0.00
21) Naphthalene-d8	8.14	136	477832	20.00	ng		0.00
39) Acenaphthene-d10	9.90	164	258165	20.00	ng		0.00
64) Phenanthrene-d10	11.40	188	504757	20.00	ng		0.00
76) Chrysene-d12	14.06	240	376059	20.00	ng		0.00
87) Perylene-d12	15.54	264	359080	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.47	112	964853	136.50	ng		0.01
7) Phenol-d6	6.50	99	1225356	139.74	ng		0.01
23) Nitrobenzene-d5	7.42	82	738895	88.44	ng		0.00
42) 2,4,6-Tribromophenol	10.70	330	449972	141.14	ng		0.01
45) 2-Fluorobiphenyl	9.22	172	1495465	88.42	ng		0.00
79) Terphenyl-d14	12.99	244	1965821	86.72	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.62	88	113637	40.439	ng		99
3) Pyridine	3.39	79	282564	37.742	ng		99
4) n-Nitrosodimethylamine	3.34	42	136090	43.965	ng		98
6) Aniline	6.52	93	374179	33.604	ng	#	88
8) 2-Chlorophenol	6.65	128	384883	48.075	ng		98
9) Benzaldehyde	6.40	77	211354	41.110	ng		97
10) Phenol	6.51	94	485902	49.300	ng		90
11) bis(2-Chloroethyl)ether	6.59	93	329946	46.810	ng		98
12) 1,3-Dichlorobenzene	6.79	146	412962	44.788	ng		100
13) 1,4-Dichlorobenzene	6.87	146	416910	44.517	ng		97
14) 1,2-Dichlorobenzene	7.02	146	401983	45.463	ng		99
15) Benzyl Alcohol	7.00	79	316836	47.454	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.13	45	341303	45.377	ng		90
17) 2-Methylphenol	7.12	107	309044	48.129	ng		96
18) Hexachloroethane	7.36	117	153419	44.635	ng		100
19) n-Nitroso-di-n-propylamine	7.27	70	251213	46.503	ng		98
20) 3+4-Methylphenols	7.27	107	396306	48.223	ng		95
22) Acetophenone	7.26	105	518845	44.304	ng	#	96
24) Nitrobenzene	7.44	77	377624	45.122	ng		99
25) Isophorone	7.68	82	688272	47.271	ng		98
26) 2-Nitrophenol	7.76	139	213189	48.094	ng		99
27) 2,4-Dimethylphenol	7.79	122	335972	55.551	ng		97
28) bis(2-Chloroethoxy)methane	7.89	93	431440	45.309	ng		100
29) 2,4-Dichlorophenol	8.00	162	326581	46.914	ng		97
30) 1,2,4-Trichlorobenzene	8.08	180	355807	43.878	ng		98
31) Naphthalene	8.16	128	1131160	46.576	ng		99
32) Benzoic acid	7.94	122	204174	40.927	ng		97
33) 4-Chloroaniline	8.22	127	184513	17.722	ng		96
34) Hexachlorobutadiene	8.27	225	209682	43.439	ng		99
35) Caprolactam	8.59	113	108614m	49.977	ng		
36) 4-Chloro-3-methylphenol	8.71	107	355905	47.620	ng		99
37) 2-Methylnaphthalene	8.86	142	794583	47.786	ng		99
38) 1-Methylnaphthalene	8.96	142	739370	47.196	ng		98
40) 1,2,4,5-Tetrachlorobenzene	9.02	216	344725	44.442	ng		99

Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF122819\
Data File : BF118372.D
Acq On : 28 Dec 2019 18:30
Operator : JU
Sample : K6438-02MS
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DUNR-BF001-01MS

Manual Integrations APPROVED
mohammad
12/30/2019 2:08:44 PM

Quant Time: Dec 29 07:47:25 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF122419.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 24 15:58:52 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.01	237	262719	80.381	ng	97
43) 2,4,6-Trichlorophenol	9.14	196	241066	46.520	ng	100
44) 2,4,5-Trichlorophenol	9.19	196	251871	47.248	ng	99
46) 1,1'-Biphenyl	9.32	154	955668	46.802	ng	98
47) 2-Chloronaphthalene	9.35	162	736548	44.818	ng	97
48) 2-Nitroaniline	9.45	65	204350	44.023	ng	94
49) Acenaphthylene	9.76	152	1168265	47.931	ng	99
50) Dimethylphthalate	9.62	163	963904	49.740	ng	99
51) 2,6-Dinitrotoluene	9.69	165	199876	47.841	ng	92
52) Acenaphthene	9.94	154	684265	46.090	ng	99
53) 3-Nitroaniline	9.86	138	116015	23.659	ng	95
54) 2,4-Dinitrophenol	9.98	184	183305	86.562	ng	96
55) Dibenzofuran	10.11	168	1029262	46.920	ng	95
56) 4-Nitrophenol	10.04	139	289994	95.796	ng	95
57) 2,4-Dinitrotoluene	10.10	165	271259	48.590	ng	94
58) Fluorene	10.46	166	840754	47.477	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.23	232	212698	46.959	ng	99
60) Diethylphthalate	10.33	149	924076	48.200	ng	99
61) 4-Chlorophenyl-phenylether	10.45	204	417653	47.245	ng	93
62) 4-Nitroaniline	10.49	138	222678	43.712	ng	96
63) Azobenzene	10.60	77	790368	48.130	ng	97
65) 4,6-Dinitro-2-methylphenol	10.52	198	140437	51.575	ng	87
66) n-Nitrosodiphenylamine	10.56	169	755283	46.688	ng	100
67) 4-Bromophenyl-phenylether	10.93	248	266121	45.051	ng	94
68) Hexachlorobenzene	11.01	284	304888	43.849	ng	93
69) Atrazine	11.10	200	264445	52.965	ng	99
70) Pentachlorophenol	11.21	266	269012	89.334	ng	99
71) Phenanthrene	11.42	178	1275241	46.344	ng	100
72) Anthracene	11.47	178	1315088	47.747	ng	100
73) Carbazole	11.63	167	1157037	47.343	ng	100
74) Di-n-butylphthalate	11.95	149	1537226	49.606	ng	100
75) Fluoranthene	12.62	202	1348546	48.560	ng	97
77) Benzidine	12.74	184	734456	71.277	ng	98
78) Pyrene	12.85	202	1352345	44.037	ng	99
80) Butylbenzylphthalate	13.46	149	666069	48.171	ng	96
81) Benzo(a)anthracene	14.04	228	1211953	46.042	ng	98
82) 3,3'-Dichlorobenzidine	14.00	252	306197	34.308	ng	99
83) Chrysene	14.08	228	1144430	45.405	ng	100
84) Bis(2-ethylhexyl)phthalate	14.02	149	950373	52.271	ng	100
85) Di-n-octyl phthalate	14.63	149	1526220	57.066	ng	100
86) Indeno(1,2,3-cd)pyrene	17.07	276	1059874	49.351	ng	99
88) Benzo(b)fluoranthene	15.11	252	1098811	46.099	ng	100
89) Benzo(k)fluoranthene	15.14	252	1030906	45.044	ng	99
90) Benzo(a)pyrene	15.48	252	935446	44.551	ng	98
91) Dibenzo(a,h)anthracene	17.07	278	895945	49.170	ng	97
92) Benzo(g,h,i)perylene	17.52	276	870509	49.457	ng	98

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

Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF122819\
Data File : BF118372.D
Acq On : 28 Dec 2019 18:30
Operator : JU
Sample : K6438-02MS
Misc :
ALS Vial : 17 Sample Multiplier: 1

Quant Time: Dec 29 07:47:25 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF122419.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 24 15:58:52 2019
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
DUNR-BF001-01MS

Manual Integrations APPROVED
mohammad
12/30/2019 2:08:44 PM