Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF112319\
Data File : BF117958.D
Acq On : 23 Nov 2019 16:00
Operator : JU
Sample : K5972-01MS
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
25441-26560MS

Manual Integrations APPROVED
mohammad
11/25/2019 2:32:11 PM

Quant Time: Nov 25 08:17:32 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF111319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 13 18:36:07 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	140405	20.00	ng		-0.02
21) Naphthalene-d8	8.19	136	556962	20.00	ng		-0.02
39) Acenaphthene-d10	9.96	164	251952	20.00	ng		-0.02
64) Phenanthrene-d10	11.45	188	550446	20.00	ng		-0.02
76) Chrysene-d12	14.10	240	466967	20.00	ng		-0.01
87) Perylene-d12	15.60	264	478105	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.52	112	738771	93.14	ng		-0.01
7) Phenol-d6	6.53	99	1054852	110.26	ng		-0.02
23) Nitrobenzene-d5	7.47	82	642963	68.62	ng		-0.02
42) 2,4,6-Tribromophenol	10.75	330	306413	114.87	ng		-0.02
45) 2-Fluorobiphenyl	9.27	172	1066051	75.91	ng		-0.02
79) Terphenyl-d14	13.04	244	1421974	55.65	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	2.72	88	125945	33.969	ng		97
3) Pyridine	3.48	79	314853	32.372	ng		96
4) n-Nitrosodimethylamine	3.43	42	162203	38.205	ng		96
6) Aniline	6.56	93	201634	15.949	ng		99
8) 2-Chlorophenol	6.69	128	380136	44.166	ng		94
9) Benzaldehyde	6.45	77	188455	27.718	ng		96
10) Phenol	6.55	94	465810	46.854	ng		96
11) bis(2-Chloroethyl)ether	6.64	93	299025	37.455	ng		93
12) 1,3-Dichlorobenzene	6.85	146	427759	42.215	ng		98
13) 1,4-Dichlorobenzene	6.92	146	427755	41.763	ng		100
14) 1,2-Dichlorobenzene	7.07	146	362868	37.044	ng		99
15) Benzyl Alcohol	7.05	79	299794	40.587	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.18	45	389512	31.689	ng		93
17) 2-Methylphenol	7.15	107	285290	39.141	ng		97
18) Hexachloroethane	7.42	117	164449	43.706	ng		98
19) n-Nitroso-di-n-propylamine	7.32	70	252946	42.856	ng		95
20) 3+4-Methylphenols	7.30	107	398709	44.067	ng	#	87
22) Acetophenone	7.31	105	543947	43.470	ng		96
24) Nitrobenzene	7.49	77	396545	41.026	ng		98
25) Isophorone	7.73	82	734798	42.789	ng		98
26) 2-Nitrophenol	7.80	139	216242	45.965	ng		95
27) 2,4-Dimethylphenol	7.84	122	336841	46.078	ng		96
28) bis(2-Chloroethoxy)methane	7.93	93	398794	36.596	ng		99
29) 2,4-Dichlorophenol	8.05	162	334437	42.176	ng		98
30) 1,2,4-Trichlorobenzene	8.13	180	365269	39.713	ng		99
31) Naphthalene	8.22	128	1193776	45.976	ng		99
32) Benzoic acid	7.96	122	257259	42.029	ng	#	82
33) 4-Chloroaniline	8.26	127	108289	9.316	ng		98
34) Hexachlorobutadiene	8.33	225	179871	33.448	ng		98
35) Caprolactam	8.63	113	104104m	41.309	ng		
36) 4-Chloro-3-methylphenol	8.75	107	305558	37.970	ng		94
37) 2-Methylnaphthalene	8.91	142	709991	40.470	ng		98
38) 1-Methylnaphthalene	9.01	142	642248	38.723	ng		98
40) 1,2,4,5-Tetrachlorobenzene	9.08	216	286394	39.141	ng		98

Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF112319\
Data File : BF117958.D
Acq On : 23 Nov 2019 16:00
Operator : JU
Sample : K5972-01MS
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
25441-26560MS

Manual Integrations APPROVED
mohammad
11/25/2019 2:32:11 PM

Quant Time: Nov 25 08:17:32 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF111319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 13 18:36:07 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	9.06	237	365762	89.201	ng		97
43) 2,4,6-Trichlorophenol	9.19	196	207883	39.666	ng		96
44) 2,4,5-Trichlorophenol	9.23	196	220006	40.432	ng		95
46) 1,1'-Biphenyl	9.37	154	797180	42.647	ng		98
47) 2-Chloronaphthalene	9.40	162	604540	39.313	ng		99
48) 2-Nitroaniline	9.49	65	181587	39.114	ng		99
49) Acenaphthylene	9.82	152	999823	44.596	ng		99
50) Dimethylphthalate	9.67	163	894040	50.602	ng		99
51) 2,6-Dinitrotoluene	9.74	165	163927	42.453	ng		87
52) Acenaphthene	9.99	154	678048	47.212	ng		99
53) 3-Nitroaniline	9.90	138	82552	17.867	ng		97
54) 2,4-Dinitrophenol	10.02	184	178595	89.111	ng	#	85
55) Dibenzofuran	10.17	168	864810	43.485	ng		99
56) 4-Nitrophenol	10.07	139	296946	86.100	ng		94
57) 2,4-Dinitrotoluene	10.15	165	221810	45.157	ng		91
58) Fluorene	10.51	166	681281	44.206	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.28	232	188145	42.082	ng	#	88
60) Diethylphthalate	10.38	149	714477	41.479	ng		100
61) 4-Chlorophenyl-phenylether	10.50	204	331599	42.398	ng		95
62) 4-Nitroaniline	10.52	138	177053	38.271	ng		91
63) Azobenzene	10.66	77	676100	43.144	ng		95
65) 4,6-Dinitro-2-methylphenol	10.55	198	123162	47.929	ng		74
66) n-Nitrosodiphenylamine	10.62	169	624723	38.997	ng		99
67) 4-Bromophenyl-phenylether	10.99	248	236498	39.820	ng		91
68) Hexachlorobenzene	11.06	284	269280	38.883	ng		99
69) Atrazine	11.14	200	256023	48.584	ng		97
70) Pentachlorophenol	11.26	266	328394	81.164	ng		99
71) Phenanthrene	11.48	178	1200931	43.395	ng		98
72) Anthracene	11.53	178	1223410	44.587	ng		99
73) Carbazole	11.68	167	1133724	47.283	ng		100
74) Di-n-butylphthalate	12.01	149	1342392	44.965	ng		99
75) Fluoranthene	12.67	202	1271570	51.552	ng		100
77) Benzidine	12.79	184	418746	27.376	ng		99
78) Pyrene	12.90	202	1313653	34.810	ng		99
80) Butylbenzylphthalate	13.52	149	610157	37.644	ng		99
81) Benzo(a)anthracene	14.09	228	1260523	40.849	ng		99
82) 3,3'-Dichlorobenzidine	14.05	252	191606	17.751	ng		98
83) Chrysene	14.13	228	1161924	38.859	ng		99
84) Bis(2-ethylhexyl)phthalate	14.07	149	838339	42.662	ng		99
85) Di-n-octyl phthalate	14.69	149	1452847	50.327	ng		99
86) Indeno(1,2,3-cd)pyrene	17.13	276	1063322	41.783	ng		98
88) Benzo(b)fluoranthene	15.16	252	1214453	39.097	ng		98
89) Benzo(k)fluoranthene	15.19	252	1105759	37.780	ng		99
90) Benzo(a)pyrene	15.54	252	1103935	40.415	ng		100
91) Dibenzo(a,h)anthracene	17.15	278	860901	36.618	ng		97
92) Benzo(g,h,i)perylene	17.59	276	955570	40.807	ng		99

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

Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF112319\
Data File : BF117958.D
Acq On : 23 Nov 2019 16:00
Operator : JU
Sample : K5972-01MS
Misc :
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Nov 25 08:17:32 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF111319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 13 18:36:07 2019
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
25441-26560MS

Manual Integrations APPROVED
mohammad
11/25/2019 2:32:11 PM