Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF122718\
Data File : BF111776.D
Acq On : 27 Dec 2018 21:28
Operator : JU/SJ
Sample : J6188-06MS
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
BU-03-122118MS

Manual Integrations APPROVED
Sohil
12/28/2018 10:37:29 AM

Quant Time: Dec 28 07:28:45 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF121918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 19 17:39:39 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.91	152	145026	20.00	ng		0.01
21) Naphthalene-d8	8.19	136	493027	20.00	ng		0.01
39) Acenaphthene-d10	9.95	164	220027	20.00	ng		0.01
64) Phenanthrene-d10	11.43	188	389084	20.00	ng		0.02
76) Chrysene-d12	14.07	240	306732	20.00	ng		0.02
87) Perylene-d12	15.56	264	237442	20.00	ng		0.04
System Monitoring Compounds							
5) 2-Fluorophenol	5.56	112	884404	103.95	ng		0.05
7) Phenol-d6	6.56	99	1010801	93.35	ng		0.04
23) Nitrobenzene-d5	7.47	82	772486	91.20	ng		0.01
42) 2,4,6-Tribromophenol	10.74	330	303766	116.84	ng		0.02
45) 2-Fluorobiphenyl	9.26	172	1368356	90.65	ng		0.00
79) Terphenyl-d14	13.02	244	1372600	84.86	ng		0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	2.88	88	122106	30.503	ng	#	83
3) Pyridine	3.59	79	289221	27.732	ng		97
4) n-Nitrosodimethylamine	3.52	42	210360	41.215	ng		81
6) Aniline	6.57	93	63711	4.616	ng	#	1
8) 2-Chlorophenol	6.70	128	353939	37.553	ng		98
9) Benzaldehyde	6.46	77	199875	26.839	ng		96
10) Phenol	6.57	94	344719	28.215	ng		91
11) bis(2-Chloroethyl)ether	6.64	93	349932	38.223	ng		97
12) 1,3-Dichlorobenzene	6.85	146	407956	37.350	ng		98
13) 1,4-Dichlorobenzene	6.93	146	411888	37.183	ng		97
14) 1,2-Dichlorobenzene	7.08	146	385784	37.328	ng		97
15) Benzyl Alcohol	7.05	79	300315	34.922	ng		92
16) 2,2'-oxybis(1-Chloropropan	7.18	45	568243	33.701	ng		72
17) 2-Methylphenol	7.17	107	262025	34.720	ng	#	83
18) Hexachloroethane	7.42	117	120000	32.147	ng	#	85
19) n-Nitroso-di-n-propylamine	7.32	70	264906	36.838	ng		96
20) 3+4-Methylphenols	7.33	107	340843	35.743	ng	#	64
22) Acetophenone	7.31	105	495698	39.687	ng	#	89
24) Nitrobenzene	7.49	77	382656	43.104	ng		99
25) Isophorone	7.73	82	676573	44.994	ng		99
26) 2-Nitrophenol	7.80	139	161549	44.870	ng	#	94
27) 2,4-Dimethylphenol	7.85	122	289678	40.815	ng		95
28) bis(2-Chloroethoxy)methane	7.93	93	418499	41.824	ng		99
29) 2,4-Dichlorophenol	8.05	162	291559	38.193	ng		97
30) 1,2,4-Trichlorobenzene	8.13	180	334315	39.299	ng		97
31) Naphthalene	8.22	128	1012567	42.744	ng		97
32) Benzoic acid	7.95	122	133400m	28.427	ng		
33) 4-Chloroaniline	8.26	127	45013	4.396	ng		97
34) Hexachlorobutadiene	8.33	225	210646	40.629	ng		97
35) Caprolactam	8.62	113	62175	24.036	ng		91
36) 4-Chloro-3-methylphenol	8.75	107	265907	35.435	ng		97
37) 2-Methylnaphthalene	8.90	142	669110	43.414	ng		98
38) 1-Methylnaphthalene	9.00	142	619233	41.834	ng		99
40) 1,2,4,5-Tetrachlorobenzene	9.07	216	318701	44.080	ng	#	97

Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF122718\
Data File : BF111776.D
Acq On : 27 Dec 2018 21:28
Operator : JU/SJ
Sample : J6188-06MS
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
BU-03-122118MS

Manual Integrations APPROVED
Sohil
12/28/2018 10:37:29 AM

Quant Time: Dec 28 07:28:45 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF121918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 19 17:39:39 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	9.06	237	104394	29.755	ng		99
43) 2,4,6-Trichlorophenol	9.19	196	195671	40.535	ng		99
44) 2,4,5-Trichlorophenol	9.23	196	201020	40.592	ng		96
46) 1,1'-Biphenyl	9.36	154	796687	42.894	ng		95
47) 2-Chloronaphthalene	9.39	162	604634	41.088	ng		95
48) 2-Nitroaniline	9.48	65	191427	50.003	ng		98
49) Acenaphthylene	9.81	152	938840	43.696	ng		95
50) Dimethylphthalate	9.66	163	732268	45.511	ng		98
51) 2,6-Dinitrotoluene	9.72	165	142956	44.558	ng		95
52) Acenaphthene	9.98	154	549238	41.447	ng		98
53) 3-Nitroaniline	9.89	138	84506	24.697	ng		92
54) 2,4-Dinitrophenol	9.99	184	19247	24.293	ng	#	66
55) Dibenzofuran	10.15	168	831963	41.556	ng		95
56) 4-Nitrophenol	10.07	139	168445	64.507	ng		88
57) 2,4-Dinitrotoluene	10.12	165	182894	47.431	ng	#	94
58) Fluorene	10.49	166	635508	44.051	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.27	232	166956	40.061	ng		91
60) Diethylphthalate	10.36	149	694415	43.997	ng		100
61) 4-Chlorophenyl-phenylether	10.48	204	325834	40.880	ng		96
62) 4-Nitroaniline	10.50	138	144186	43.356	ng		87
63) Azobenzene	10.65	77	611737	38.607	ng		94
65) 4,6-Dinitro-2-methylphenol	10.53	198	17227	15.912	ng		86
66) n-Nitrosodiphenylamine	10.60	169	550283	42.132	ng		97
67) 4-Bromophenyl-phenylether	10.97	248	201179	41.687	ng	#	91
68) Hexachlorobenzene	11.05	284	222009	41.260	ng		99
69) Atrazine	11.13	200	172091	37.927	ng		96
70) Pentachlorophenol	11.24	266	171164	51.455	ng		98
71) Phenanthrene	11.46	178	913769	44.283	ng		95
72) Anthracene	11.51	178	936823	45.232	ng		95
73) Carbazole	11.66	167	801607	39.864	ng		95
74) Di-n-butylphthalate	11.99	149	1027595	45.579	ng		96
75) Fluoranthene	12.65	202	955278	45.717	ng		96
77) Benzidine	12.76	184	149956	12.992	ng		97
78) Pyrene	12.87	202	958844	44.267	ng		96
80) Butylbenzylphthalate	13.49	149	424186	48.042	ng		89
81) Benzo(a)anthracene	14.06	228	791032	45.189	ng		98
82) 3,3'-Dichlorobenzidine	14.02	252	95714	13.839	ng	#	96
83) Chrysene	14.10	228	743656	43.224	ng		97
84) Bis(2-ethylhexyl)phthalate	14.04	149	581259	52.264	ng	#	97
85) Di-n-octyl phthalate	14.66	149	907466	52.664	ng		96
86) Indeno(1,2,3-cd)pyrene	17.07	276	575143	39.324	ng	#	87
88) Benzo(b)fluoranthene	15.12	252	645409	46.509	ng	#	96
89) Benzo(k)fluoranthene	15.16	252	590200	44.674	ng	#	95
90) Benzo(a)pyrene	15.50	252	574767	45.590	ng	#	93
91) Dibenzo(a,h)anthracene	17.09	278	491929	44.559	ng	#	90
92) Benzo(g,h,i)perylene	17.52	276	473843	43.955	ng	#	87

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

Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF122718\
Data File : BF111776.D
Acq On : 27 Dec 2018 21:28
Operator : JU/SJ
Sample : J6188-06MS
Misc :
ALS Vial : 24 Sample Multiplier: 1

Quant Time: Dec 28 07:28:45 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF121918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 19 17:39:39 2018
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
BU-03-122118MS

Manual Integrations APPROVED
Sohil
12/28/2018 10:37:29 AM