Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111121\
Data File : BF126133.D
Acq On : 11 Nov 2021 19:17
Operator : JU/CG
Sample : M4639-06MSD
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TT-7/1-2MSD

Manual Integrations APPROVED
Reviewed By :Jagrut Upadhyay 11/12/2021
Supervised By :mohammad ahmed 11/17/2021

Quant Time: Nov 12 09:42:03 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 03 17:21:25 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.839	152	135543	20.000	ng	-0.02
21) Naphthalene-d8	8.128	136	497639	20.000	ng	-0.01
39) Acenaphthene-d10	9.880	164	296596	20.000	ng	-0.01
64) Phenanthrene-d10	11.369	188	558755	20.000	ng	# 0.00
76) Chrysene-d12	14.010	240	370134	20.000	ng	# 0.00
86) Perylene-d12	15.468	264	385591	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.463	112	783432	99.258	ng	0.00
7) Phenol-d6	6.475	99	1019447	91.624	ng	-0.01
23) Nitrobenzene-d5	7.404	82	740472	70.173	ng	-0.02
42) 2,4,6-Tribromophenol	10.669	330	356566	104.903	ng	-0.01
45) 2-Fluorobiphenyl	9.204	172	1333167	60.742	ng	-0.01
79) Terphenyl-d14	12.951	244	1383172	60.260	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	2.634	88	128585	39.180	ng	# 100
3) Pyridine	3.375	79	296599	33.585	ng	96
4) n-Nitrosodimethylamine	3.322	42	251084	40.543	ng	# 81
6) Aniline	6.504	93	310562	25.313	ng	# 93
8) 2-Chlorophenol	6.628	128	377421	44.750	ng	86
9) Benzaldehyde	6.387	77	255085	39.400	ng	# 86
10) Phenol	6.487	94	486204	42.737	ng	82
11) bis(2-Chloroethyl)ether	6.575	93	357180	43.104	ng	87
12) 1,3-Dichlorobenzene	6.786	146	419794	43.703	ng	96
13) 1,4-Dichlorobenzene	6.857	146	422449	43.130	ng	95
14) 1,2-Dichlorobenzene	7.010	146	405991	43.023	ng	96
15) Benzyl Alcohol	6.981	79	391684	41.221	ng	93
16) 2,2'-oxybis(1-Chloropr...	7.116	45	584455	38.357	ng	93
17) 2-Methylphenol	7.098	107	311380	43.382	ng	# 91
18) Hexachloroethane	7.357	117	163887	44.536	ng	# 80
19) n-Nitroso-di-n-propyla...	7.257	70	309465	42.190	ng	# 81
20) 3+4-Methylphenols	7.251	107	419928	43.274	ng	# 61
22) Acetophenone	7.251	105	581153	40.434	ng	# 85
24) Nitrobenzene	7.422	77	475872	45.533	ng	# 82
25) Isophorone	7.663	82	779703	41.040	ng	# 88
26) 2-Nitrophenol	7.739	139	193397	51.891	ng	# 62
27) 2,4-Dimethylphenol	7.781	122	329898	47.628	ng	# 80
28) bis(2-Chloroethoxy)met...	7.875	93	440115	39.285	ng	# 97
29) 2,4-Dichlorophenol	7.981	162	344506	44.062	ng	95
30) 1,2,4-Trichlorobenzene	8.069	180	398139	41.763	ng	97
31) Naphthalene	8.151	128	1093713	42.432	ng	99
32) Benzoic acid	7.898	122	195771	46.028	ng	# 74
33) 4-Chloroaniline	8.192	127	96055	9.324	ng	# 91
34) Hexachlorobutadiene	8.269	225	268278	40.880	ng	98
35) Caprolactam	8.563	113	96427m	44.288	ng	
36) 4-Chloro-3-methylphenol	8.680	107	382017	42.371	ng	88
37) 2-Methylnaphthalene	8.839	142	792557	44.520	ng	100
38) 1-Methylnaphthalene	8.939	142	721653	41.850	ng	97
40) 1,2,4,5-Tetrachloroben...	9.010	216	422975	42.554	ng	98
41) Hexachlorocyclopentadiene	8.998	237	460888	89.241	ng	97
43) 2,4,6-Trichlorophenol	9.116	196	272987	45.353	ng	97

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111121\
Data File : BF126133.D
Acq On : 11 Nov 2021 19:17
Operator : JU/CG
Sample : M4639-06MSD
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TT-7/1-2MSD

Manual Integrations APPROVED
Reviewed By :Jagrut Upadhyay 11/12/2021
Supervised By :mohammad ahmed 11/17/2021

Quant Time: Nov 12 09:42:03 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 03 17:21:25 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.157	196	285291	43.874	ng		95
46) 1,1'-Biphenyl	9.304	154	943126	41.139	ng		99
47) 2-Chloronaphthalene	9.328	162	771536	42.757	ng		100
48) 2-Nitroaniline	9.422	65	265167	45.111	ng	#	75
49) Acenaphthylene	9.745	152	1170370	42.889	ng		98
50) Dimethylphthalate	9.604	163	916077	42.424	ng	#	98
51) 2,6-Dinitrotoluene	9.663	165	196778	53.165	ng	#	71
52) Acenaphthene	9.916	154	741920	43.105	ng		96
53) 3-Nitroaniline	9.827	138	109336	28.816	ng	#	62
54) 2,4-Dinitrophenol	9.939	184	193550	92.514	ng		88
55) Dibenzofuran	10.086	168	1077022	41.567	ng		98
56) 4-Nitrophenol	9.998	139	295078	98.538	ng	#	63
57) 2,4-Dinitrotoluene	10.069	165	269901	50.449	ng	#	91
58) Fluorene	10.433	166	872688	41.954	ng		98
59) 2,3,4,6-Tetrachlorophenol	10.204	232	246927	44.844	ng	#	86
60) Diethylphthalate	10.304	149	889056	41.056	ng		99
61) 4-Chlorophenyl-phenyle...	10.422	204	452816	40.704	ng		91
62) 4-Nitroaniline	10.445	138	184640	46.657	ng		84
63) Azobenzene	10.580	77	914803	38.906	ng		90
65) 4,6-Dinitro-2-methylph...	10.474	198	133476	49.334	ng		99
66) n-Nitrosodiphenylamine	10.539	169	744818	41.859	ng		97
67) 4-Bromophenyl-phenylether	10.910	248	284533	42.042	ng		96
68) Hexachlorobenzene	10.980	284	313123	44.289	ng	#	87
69) Atrazine	11.069	200	289777	46.041	ng		92
70) Pentachlorophenol	11.174	266	327227	85.895	ng		93
71) Phenanthrene	11.392	178	1268039	41.847	ng		99
72) Anthracene	11.445	178	1298973	42.938	ng		99
73) Carbazole	11.598	167	1105729	39.408	ng		99
74) Di-n-butylphthalate	11.927	149	1353975	41.415	ng	#	98
75) Fluoranthene	12.580	202	1306471	38.718	ng		95
77) Benzidine	12.698	184	459870	37.167	ng		98
78) Pyrene	12.810	202	1301179	43.836	ng		97
80) Butylbenzylphthalate	13.427	149	473917	43.832	ng		88
81) Benzo(a)anthracene	13.998	228	1043512	41.039	ng		99
82) 3,3'-Dichlorobenzidine	13.957	252	206586	27.841	ng	#	98
83) Chrysene	14.033	228	1011457	42.750	ng		97
84) Bis(2-ethylhexyl)phtha...	13.992	149	603833	40.296	ng	#	100
85) Di-n-octyl phthalate	14.604	149	961548	45.163	ng	#	99
87) Indeno(1,2,3-cd)pyrene	16.933	276	1128111	49.428	ng	#	83
88) Benzo(b)fluoranthene	15.045	252	1014157	40.435	ng	#	94
89) Benzo(k)fluoranthene	15.074	252	997376	40.994	ng	#	97
90) Benzo(a)pyrene	15.409	252	983930	49.795	ng	#	94
91) Dibenzo(a,h)anthracene	16.951	278	937114	49.992	ng	#	90
92) Benzo(g,h,i)perylene	17.374	276	872684	48.542	ng	#	82

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

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111121\
Data File : BF126133.D
Acq On : 11 Nov 2021 19:17
Operator : JU/CG
Sample : M4639-06MSD
Misc :
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Nov 12 09:42:03 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 03 17:21:25 2021
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
TT-7/1-2MSD

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 11/12/2021
Supervised By :mohammad ahmed 11/17/2021