Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF012422\
Data File : BF126637.D
Acq On : 24 Jan 2022 14:30
Operator : CG/JU
Sample : N1218-02MS
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EAST-BOILER-PIT-WASTE-CLASSMS

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 01/25/2022
Supervised By :Jagrut Upadhyay 01/25/2022

Quant Time: Jan 25 03:12:11 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF011822.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jan 19 07:04:14 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.963	152	105871	20.000	ng	0.00
21) Naphthalene-d8	8.245	136	413709	20.000	ng	0.00
39) Acenaphthene-d10	10.010	164	221688	20.000	ng	0.00
64) Phenanthrene-d10	11.498	188	377758	20.000	ng	0.00
76) Chrysene-d12	14.151	240	247128	20.000	ng	# 0.00
86) Perylene-d12	15.674	264	220021	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.598	112	893527	111.059	ng	0.02
7) Phenol-d6	6.581	99	1140357	102.015	ng	0.00
23) Nitrobenzene-d5	7.528	82	972490	92.007	ng	0.00
42) 2,4,6-Tribromophenol	10.804	330	281186	135.534	ng	0.00
45) 2-Fluorobiphenyl	9.328	172	1220439	84.312	ng	0.00
79) Terphenyl-d14	13.092	244	1325990	89.995	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.005	88	157728	39.778	ng	# 77
3) Pyridine	3.693	79	301372	27.132	ng	# 85
4) n-Nitrosodimethylamine	3.652	42	170232	43.314	ng	78
6) Aniline	6.628	93	89225	6.370	ng	98
8) 2-Chlorophenol	6.751	128	330421	44.776	ng	97
9) Benzaldehyde	6.522	77	267197	38.170	ng	85
10) Phenol	6.593	94	460886	38.765	ng	86
11) bis(2-Chloroethyl)ether	6.698	93	435586	45.148	ng	96
12) 1,3-Dichlorobenzene	6.904	146	341103	41.637	ng	# 92
13) 1,4-Dichlorobenzene	6.981	146	348393	42.113	ng	95
14) 1,2-Dichlorobenzene	7.134	146	334623	42.905	ng	97
15) Benzyl Alcohol	7.098	79	423664	42.511	ng	# 88
16) 2,2'-oxybis(1-Chloropr...	7.234	45	476414	43.282	ng	82
17) 2-Methylphenol	7.204	107	311393	42.920	ng	# 90
18) Hexachloroethane	7.481	117	141558	42.379	ng	# 91
19) n-Nitroso-di-n-propyla...	7.375	70	349322	42.817	ng	# 86
20) 3+4-Methylphenols	7.357	107	392187	41.690	ng	# 82
22) Acetophenone	7.375	105	559941	43.919	ng	# 90
24) Nitrobenzene	7.545	77	528132	48.402	ng	# 84
25) Isophorone	7.781	82	895967	43.710	ng	# 93
26) 2-Nitrophenol	7.863	139	151298	53.155	ng	# 71
27) 2,4-Dimethylphenol	7.887	122	321793	47.640	ng	# 82
28) bis(2-Chloroethoxy)met...	7.992	93	543071	42.479	ng	# 97
29) 2,4-Dichlorophenol	8.098	162	277295	43.277	ng	97
30) 1,2,4-Trichlorobenzene	8.187	180	291571	42.433	ng	97
31) Naphthalene	8.269	128	962762	43.078	ng	99
32) Benzoic acid	7.951	122	48604	12.685	ng	# 69
33) 4-Chloroaniline	8.310	127	34373	3.849	ng	# 87
34) Hexachlorobutadiene	8.381	225	182720	41.805	ng	98
35) Caprolactam	8.681	113	80545m	35.201	ng	
36) 4-Chloro-3-methylphenol	8.787	107	365751	43.651	ng	86
37) 2-Methylnaphthalene	8.963	142	624745	44.948	ng	95
38) 1-Methylnaphthalene	9.063	142	579662	43.027	ng	100
40) 1,2,4,5-Tetrachloroben...	9.128	216	285089	45.849	ng	98
41) Hexachlorocyclopentadiene	9.110	237	345053	91.144	ng	92
43) 2,4,6-Trichlorophenol	9.234	196	197706	44.602	ng	98

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF012422\
Data File : BF126637.D
Acq On : 24 Jan 2022 14:30
Operator : CG/JU
Sample : N1218-02MS
Misc :
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Jan 25 03:12:11 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF011822.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jan 19 07:04:14 2022
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
EAST-BOILER-PIT-WASTE-CLASSMS

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 01/25/2022
Supervised By :Jagrut Upadhyay 01/25/2022

	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44)	2,4,5-Trichlorophenol	9.275	196	202846	44.185	ng	#	94
46)	1,1'-Biphenyl	9.428	154	774548	46.376	ng		98
47)	2-Chloronaphthalene	9.451	162	590663	45.015	ng		97
48)	2-Nitroaniline	9.545	65	259554	57.290	ng	#	88
49)	Acenaphthylene	9.875	152	938103	45.576	ng		98
50)	Dimethylphthalate	9.728	163	713484	45.377	ng		100
51)	2,6-Dinitrotoluene	9.786	165	151445	55.740	ng	#	71
52)	Acenaphthene	10.045	154	579436	46.047	ng		98
53)	3-Nitroaniline	9.951	138	25804	8.307	ng	#	66
54)	2,4-Dinitrophenol	10.057	184	47316	45.172	ng	#	88
55)	Dibenzofuran	10.216	168	828626	43.818	ng		96
56)	4-Nitrophenol	10.110	139	221115	89.389	ng	#	58
57)	2,4-Dinitrotoluene	10.192	165	206404	62.691	ng		87
58)	Fluorene	10.557	166	642745	45.017	ng		99
59)	2,3,4,6-Tetrachlorophenol	10.328	232	168512	44.897	ng		90
60)	Diethylphthalate	10.428	149	695769	44.516	ng		98
61)	4-Chlorophenyl-phenyle...	10.551	204	311746	43.719	ng		92
62)	4-Nitroaniline	10.575	138	128220	42.530	ng	#	63
63)	Azobenzene	10.710	77	1011689	43.738	ng		91
65)	4,6-Dinitro-2-methylph...	10.598	198	48749	30.235	ng		96
66)	n-Nitrosodiphenylamine	10.669	169	564589	44.276	ng		99
67)	4-Bromophenyl-phenylether	11.045	248	192145	44.134	ng		92
68)	Hexachlorobenzene	11.104	284	209636	45.131	ng		94
69)	Atrazine	11.192	200	188739	46.345	ng		96
70)	Pentachlorophenol	11.298	266	228265	84.508	ng		98
71)	Phenanthrene	11.528	178	962029	44.576	ng		99
72)	Anthracene	11.580	178	979969	45.256	ng		100
73)	Carbazole	11.733	167	864078	42.503	ng		98
74)	Di-n-butylphthalate	12.057	149	1055548	43.057	ng	#	98
75)	Fluoranthene	12.716	202	948735	44.506	ng		98
77)	Benzidine	12.833	184	110514	12.963	ng		97
78)	Pyrene	12.951	202	936398	46.856	ng		99
80)	Butylbenzylphthalate	13.563	149	406252	46.790	ng	#	88
81)	Benzo(a)anthracene	14.139	228	737339	43.896	ng		98
82)	3,3'-Dichlorobenzidine	14.098	252	53875	9.763	ng	#	95
83)	Chrysene	14.180	228	734234	45.428	ng		99
84)	Bis(2-ethylhexyl)phtha...	14.121	149	539026	45.841	ng		99
85)	Di-n-octyl phthalate	14.751	149	834630	46.361	ng		96
87)	Indeno(1,2,3-cd)pyrene	17.245	276	742089	54.589	ng	#	88
88)	Benzo(b)fluoranthene	15.227	252	656416	44.989	ng	#	93
89)	Benzo(k)fluoranthene	15.257	252	646051	45.097	ng	#	95
90)	Benzo(a)pyrene	15.616	252	643468	54.203	ng	#	94
91)	Dibenzo(a,h)anthracene	17.268	278	622911	55.312	ng	#	92
92)	Benzo(g,h,i)perylene	17.727	276	610569	55.291	ng	#	86

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

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF012422\
Data File : BF126637.D
Acq On : 24 Jan 2022 14:30
Operator : CG/JU
Sample : N1218-02MS
Misc :
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Jan 25 03:12:11 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF011822.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jan 19 07:04:14 2022
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
EAST-BOILER-PIT-WASTE-CLASSMS

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 01/25/2022
Supervised By :Jagrut Upadhyay 01/25/2022