Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122121\
Data File : BF126310.D
Acq On : 21 Dec 2021 22:20
Operator : JU/CG
Sample : M5179-03MS
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
POST-EXCAVATION-BOTTOM-EASTMS

Manual Integrations APPROVED
Reviewed By :Jagrut Upadhyay 12/22/2021
Supervised By :mohammad ahmed 12/27/2021

Quant Time: Dec 22 05:23:08 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF121521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 16 12:22:48 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.816	152	190297	20.000	ng		0.00
21) Naphthalene-d8	8.104	136	839258	20.000	ng		# 0.00
39) Acenaphthene-d10	9.857	164	400103	20.000	ng		0.00
64) Phenanthrene-d10	11.339	188	628398	20.000	ng		# 0.00
76) Chrysene-d12	13.980	240	357123	20.000	ng		# 0.01
86) Perylene-d12	15.427	264	308254	20.000	ng		0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.446	112	1323041	102.386	ng		0.02
7) Phenol-d6	6.451	99	1745426	106.378	ng		0.00
23) Nitrobenzene-d5	7.381	82	1152537	74.376	ng		0.00
42) 2,4,6-Tribromophenol	10.651	330	355313	110.503	ng		0.01
45) 2-Fluorobiphenyl	9.181	172	1538060	67.422	ng		0.00
79) Terphenyl-d14	12.927	244	1291638	62.864	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.669	88	289416	45.883	ng	#	100
3) Pyridine	3.399	79	681453	40.681	ng	#	78
4) n-Nitrosodimethylamine	3.352	42	328485	51.023	ng	#	6
6) Aniline	6.481	93	666248	31.967	ng		96
8) 2-Chlorophenol	6.604	128	697196	53.205	ng		88
9) Benzaldehyde	6.363	77	491858	49.677	ng		95
10) Phenol	6.469	94	902617	49.008	ng		99
11) bis(2-Chloroethyl)ether	6.557	93	728820	50.980	ng		98
12) 1,3-Dichlorobenzene	6.757	146	638970	48.339	ng		97
13) 1,4-Dichlorobenzene	6.834	146	636507	47.683	ng		95
14) 1,2-Dichlorobenzene	6.987	146	618772	50.135	ng		96
15) Benzyl Alcohol	6.963	79	592132	49.435	ng		94
16) 2,2'-oxybis(1-Chloropr...	7.093	45	1164906	49.792	ng		92
17) 2-Methylphenol	7.075	107	610508	53.182	ng		98
18) Hexachloroethane	7.334	117	267730	50.990	ng		97
19) n-Nitroso-di-n-propyla...	7.240	70	481031	47.756	ng	#	72
20) 3+4-Methylphenols	7.228	107	631793	46.554	ng	#	78
22) Acetophenone	7.228	105	885656	45.853	ng	#	90
24) Nitrobenzene	7.398	77	753994	48.741	ng		90
25) Isophorone	7.645	82	1423174	48.634	ng	#	88
26) 2-Nitrophenol	7.716	139	370121	53.074	ng	#	82
27) 2,4-Dimethylphenol	7.757	122	635075	53.625	ng		95
28) bis(2-Chloroethoxy)met...	7.851	93	923869	48.019	ng	#	96
29) 2,4-Dichlorophenol	7.963	162	522155	49.601	ng		94
30) 1,2,4-Trichlorobenzene	8.045	180	508913	46.737	ng		99
31) Naphthalene	8.122	128	1865892	47.541	ng		99
32) Benzoic acid	7.904	122	488597	47.889	ng		92
33) 4-Chloroaniline	8.169	127	209940	12.811	ng		97
34) Hexachlorobutadiene	8.245	225	249947	46.738	ng		99
35) Caprolactam	8.557	113	208706m	79.774	ng		
36) 4-Chloro-3-methylphenol	8.663	107	642118	51.710	ng		90
37) 2-Methylnaphthalene	8.816	142	1216722	50.339	ng		97
38) 1-Methylnaphthalene	8.916	142	1111934	47.404	ng		95
40) 1,2,4,5-Tetrachloroben...	8.987	216	392551	45.459	ng	#	95
41) Hexachlorocyclopentadiene	8.975	237	480236	97.116	ng		94
43) 2,4,6-Trichlorophenol	9.092	196	308709	45.446	ng		94

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122121\
Data File : BF126310.D
Acq On : 21 Dec 2021 22:20
Operator : JU/CG
Sample : M5179-03MS
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
POST-EXCAVATION-BOTTOM-EASTMS

Manual Integrations APPROVED
Reviewed By :Jagrut Upadhyay 12/22/2021
Supervised By :mohammad ahmed 12/27/2021

Quant Time: Dec 22 05:23:08 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF121521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 16 12:22:48 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.134	196	323621	46.004	ng	#	89
46) 1,1'-Biphenyl	9.281	154	1385418	46.830	ng		96
47) 2-Chloronaphthalene	9.304	162	1006871	45.235	ng		95
48) 2-Nitroaniline	9.398	65	406731	50.063	ng		86
49) Acenaphthylene	9.722	152	1593940	46.864	ng		98
50) Dimethylphthalate	9.586	163	1200012	47.348	ng		98
51) 2,6-Dinitrotoluene	9.645	165	272978	49.762	ng	#	83
52) Acenaphthene	9.892	154	1148196m	52.056	ng		
53) 3-Nitroaniline	9.810	138	160314	22.993	ng	#	76
54) 2,4-Dinitrophenol	9.922	184	293863	130.100	ng	#	84
55) Dibenzofuran	10.069	168	1333752	44.414	ng		99
56) 4-Nitrophenol	9.981	139	498941	99.067	ng	#	77
57) 2,4-Dinitrotoluene	10.051	165	356319	50.920	ng	#	95
58) Fluorene	10.410	166	946091	43.518	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.181	232	247002	47.356	ng	#	100
60) Diethylphthalate	10.286	149	1166993	45.819	ng		98
61) 4-Chlorophenyl-phenyle...	10.398	204	422080	43.120	ng		98
62) 4-Nitroaniline	10.433	138	315645	53.966	ng	#	74
63) Azobenzene	10.563	77	1387790	44.985	ng		85
65) 4,6-Dinitro-2-methylph...	10.457	198	178291	51.958	ng		93
66) n-Nitrosodiphenylamine	10.522	169	909991	45.122	ng		97
67) 4-Bromophenyl-phenylether	10.892	248	276568	46.895	ng		97
68) Hexachlorobenzene	10.957	284	320066	47.187	ng	#	86
69) Atrazine	11.051	200	278297	75.300	ng		96
70) Pentachlorophenol	11.151	266	344387	91.519	ng		90
71) Phenanthrene	11.369	178	1468126	45.266	ng		97
72) Anthracene	11.422	178	1500431	46.091	ng		98
73) Carbazole	11.575	167	1372772	44.778	ng		99
74) Di-n-butylphthalate	11.910	149	1767350	45.475	ng		99
75) Fluoranthene	12.557	202	1370073	46.885	ng		93
77) Benzidine	12.675	184	668327	118.704	ng		98
78) Pyrene	12.786	202	1406857	42.879	ng		97
80) Butylbenzylphthalate	13.404	149	713808	46.233	ng	#	78
81) Benzo(a)anthracene	13.969	228	904331	42.750	ng		99
82) 3,3'-Dichlorobenzidine	13.933	252	280446	29.019	ng	#	98
83) Chrysene	14.010	228	1003916	45.676	ng		98
84) Bis(2-ethylhexyl)phtha...	13.969	149	790792	45.835	ng		100
85) Di-n-octyl phthalate	14.574	149	1545008	50.234	ng		99
87) Indeno(1,2,3-cd)pyrene	16.857	276	921514	44.819	ng		93
88) Benzo(b)fluoranthene	15.010	252	955725	51.601	ng		97
89) Benzo(k)fluoranthene	15.039	252	920696	51.963	ng	#	96
90) Benzo(a)pyrene	15.368	252	887112	57.628	ng	#	96
91) Dibenzo(a,h)anthracene	16.886	278	774481	46.337	ng	#	95
92) Benzo(g,h,i)perylene	17.292	276	772767	44.686	ng		93

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122121\
Data File : BF126310.D
Acq On : 21 Dec 2021 22:20
Operator : JU/CG
Sample : M5179-03MS
Misc :
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Dec 22 05:23:08 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF121521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 16 12:22:48 2021
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
POST-EXCAVATION-BOTTOM-EASTMS

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 12/22/2021
Supervised By :mohammad ahmed 12/27/2021