Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092221\
Data File : BF125566.D
Acq On : 22 Sep 2021 19:02
Operator : JU/CG
Sample : M3733-01MS
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SUP-UST-01-(5-7)MS

Manual Integrations APPROVED
mohammad
9/23/2021 1:20:43 PM

Quant Time: Sep 23 04:48:38 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF092121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 21 19:21:36 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.898	152	172899	20.000	ng	0.00
21) Naphthalene-d8	8.180	136	761592	20.000	ng	# 0.00
39) Acenaphthene-d10	9.933	164	412040	20.000	ng	0.00
64) Phenanthrene-d10	11.421	188	719531	20.000	ng	0.00
76) Chrysene-d12	14.062	240	478333	20.000	ng	0.00
86) Perylene-d12	15.539	264	385793	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	1332193	121.844	ng	0.00
7) Phenol-d6	6.522	99	1646842	116.822	ng	0.00
23) Nitrobenzene-d5	7.457	82	1008442	84.455	ng	0.00
42) 2,4,6-Tribromophenol	10.727	330	506500	125.502	ng	0.00
45) 2-Fluorobiphenyl	9.257	172	1975067	87.051	ng	0.00
79) Terphenyl-d14	13.010	244	2052095	69.277	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.722	88	214577	48.676	ng	# 100
3) Pyridine	3.475	79	489143	41.410	ng	# 71
4) n-Nitrosodimethylamine	3.428	42	230936	49.569	ng	# 1
6) Aniline	6.557	93	787668	48.533	ng	95
8) 2-Chlorophenol	6.681	128	623233	49.917	ng	97
9) Benzaldehyde	6.445	77	431417	69.870	ng	92
10) Phenol	6.534	94	725725	50.578	ng	89
11) bis(2-Chloroethyl)ether	6.633	93	578266	50.409	ng	97
12) 1,3-Dichlorobenzene	6.839	146	633818	47.233	ng	98
13) 1,4-Dichlorobenzene	6.916	146	597775	44.071	ng	96
14) 1,2-Dichlorobenzene	7.069	146	641884	50.669	ng	97
15) Benzyl Alcohol	7.033	79	482491	47.827	ng	95
16) 2,2'-oxybis(1-Chloropr...	7.175	45	679990	43.081	ng	54
17) 2-Methylphenol	7.145	107	489840	49.151	ng	99
18) Hexachloroethane	7.416	117	285984m	59.216	ng	
19) n-Nitroso-di-n-propyla...	7.310	70	442637	52.463	ng	# 68
20) 3+4-Methylphenols	7.292	107	585704	47.266	ng	88
22) Acetophenone	7.304	105	1082346	61.423	ng	# 88
24) Nitrobenzene	7.475	77	600363	47.448	ng	95
25) Isophorone	7.716	82	1126316	43.833	ng	93
26) 2-Nitrophenol	7.792	139	319900	56.147	ng	91
27) 2,4-Dimethylphenol	7.828	122	584579	51.194	ng	96
28) bis(2-Chloroethoxy)met...	7.928	93	728676	49.357	ng	99
29) 2,4-Dichlorophenol	8.033	162	538237	46.627	ng	98
30) 1,2,4-Trichlorobenzene	8.122	180	569087	46.777	ng	96
31) Naphthalene	8.204	128	1886692	48.236	ng	99
32) Benzoic acid	7.939	122	394977	56.968	ng	87
33) 4-Chloroaniline	8.245	127	534501	33.339	ng	97
34) Hexachlorobutadiene	8.322	225	312022	45.483	ng	98
35) Caprolactam	8.610	113	177976m	56.218	ng	
36) 4-Chloro-3-methylphenol	8.722	107	547329	48.267	ng	98
37) 2-Methylnaphthalene	8.892	142	1271000	47.976	ng	98
38) 1-Methylnaphthalene	8.992	142	1173554	47.212	ng	100
40) 1,2,4,5-Tetrachloroben...	9.057	216	506173	45.624	ng	98
41) Hexachlorocyclopentadiene	9.051	237	628055	101.227	ng	99
43) 2,4,6-Trichlorophenol	9.163	196	392293	46.930	ng	96

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092221\
Data File : BF125566.D
Acq On : 22 Sep 2021 19:02
Operator : JU/CG
Sample : M3733-01MS
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SUP-UST-01-(5-7)MS

Manual Integrations APPROVED
mohammad
9/23/2021 1:20:43 PM

Quant Time: Sep 23 04:48:38 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF092121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 21 19:21:36 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.204	196	420642	47.951	ng		91
46) 1,1'-Biphenyl	9.357	154	1445189	46.550	ng		97
47) 2-Chloronaphthalene	9.380	162	1215465	47.137	ng		99
48) 2-Nitroaniline	9.469	65	318594	57.903	ng		99
49) Acenaphthylene	9.798	152	1841738	48.600	ng		97
50) Dimethylphthalate	9.657	163	1374704	48.477	ng		98
51) 2,6-Dinitrotoluene	9.716	165	307403	54.486	ng		91
52) Acenaphthene	9.969	154	1215288	50.803	ng		97
53) 3-Nitroaniline	9.880	138	267432	44.632	ng		88
54) 2,4-Dinitrophenol	9.986	184	275375	135.482	ng	#	76
55) Dibenzofuran	10.145	168	1647031	46.396	ng		95
56) 4-Nitrophenol	10.039	139	540126	111.120	ng		88
57) 2,4-Dinitrotoluene	10.116	165	411214	60.820	ng	#	89
58) Fluorene	10.486	166	1237375	45.321	ng		97
59) 2,3,4,6-Tetrachlorophenol	10.257	232	324402	49.236	ng	#	90
60) Diethylphthalate	10.357	149	1378418	49.320	ng		99
61) 4-Chlorophenyl-phenyle...	10.474	204	568565	46.824	ng		93
62) 4-Nitroaniline	10.498	138	322855	59.624	ng	#	77
63) Azobenzene	10.639	77	1252504	46.123	ng		84
65) 4,6-Dinitro-2-methylph...	10.527	198	186995	53.537	ng	#	67
66) n-Nitrosodiphenylamine	10.592	169	1157675	44.317	ng		95
67) 4-Bromophenyl-phenylether	10.969	248	370602	45.071	ng		96
68) Hexachlorobenzene	11.033	284	423743	45.727	ng	#	86
69) Atrazine	11.121	200	369750	52.633	ng		93
70) Pentachlorophenol	11.221	266	479006	90.663	ng		96
71) Phenanthrene	11.445	178	1876583	46.430	ng		97
72) Anthracene	11.498	178	1913393	47.492	ng		97
73) Carbazole	11.651	167	1750797	45.947	ng		98
74) Di-n-butylphthalate	11.986	149	2143385	47.397	ng		99
75) Fluoranthene	12.633	202	1937574	48.864	ng		96
77) Benzidine	12.751	184	893993	65.914	ng		98
78) Pyrene	12.863	202	1935611	43.181	ng		95
80) Butylbenzylphthalate	13.480	149	888430	49.050	ng		96
81) Benzo(a)anthracene	14.051	228	1456046	44.717	ng		99
82) 3,3'-Dichlorobenzidine	14.009	252	475647	47.676	ng		97
83) Chrysene	14.086	228	1517136	46.124	ng		96
84) Bis(2-ethylhexyl)phtha...	14.045	149	1161900	52.474	ng	#	100
85) Di-n-octyl phthalate	14.656	149	1889436	51.319	ng	#	89
87) Indeno(1,2,3-cd)pyrene	17.027	276	1384823	50.004	ng		98
88) Benzo(b)fluoranthene	15.104	252	1415424	50.166	ng		99
89) Benzo(k)fluoranthene	15.139	252	1230871	47.701	ng		96
90) Benzo(a)pyrene	15.480	252	1248336	50.834	ng		96
91) Dibenzo(a,h)anthracene	17.050	278	1160456	49.440	ng		98
92) Benzo(g,h,i)perylene	17.486	276	1166701	50.363	ng		95

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

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092221\
Data File : BF125566.D
Acq On : 22 Sep 2021 19:02
Operator : JU/CG
Sample : M3733-01MS
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Sep 23 04:48:38 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF092121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 21 19:21:36 2021
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
SUP-UST-01-(5-7)MS

Manual Integrations APPROVED
mohammad
9/23/2021 1:20:43 PM