Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF083021\
Data File : BF125261.D
Acq On : 30 Aug 2021 14:11
Operator : JU/CG
Sample : PB138793BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB138793BS

Manual Integrations APPROVED
mohammad
8/31/2021 11:30:20 AM

Quant Time: Aug 30 14:41:40 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF081821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 24 12:39:21 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.916	152	209532	20.000	ng	0.00
21) Naphthalene-d8	8.198	136	801753	20.000	ng	# 0.00
39) Acenaphthene-d10	9.951	164	426208	20.000	ng	0.00
64) Phenanthrene-d10	11.439	188	791251	20.000	ng	0.00
76) Chrysene-d12	14.086	240	510840	20.000	ng	# 0.00
86) Perylene-d12	15.580	264	412391	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.545	112	1523243	110.035	ng	0.02
7) Phenol-d6	6.545	99	1925783	107.563	ng	0.00
23) Nitrobenzene-d5	7.481	82	1282440	80.528	ng	0.00
42) 2,4,6-Tribromophenol	10.745	330	626334	147.217	ng	0.00
45) 2-Fluorobiphenyl	9.275	172	2233436	73.035	ng	0.00
79) Terphenyl-d14	13.027	244	2641535	82.378	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.798	88	236006	34.550	ng	# 100
3) Pyridine	3.551	79	547077	30.338	ng	# 91
4) n-Nitrosodimethylamine	3.510	42	352307	39.043	ng	# 40
6) Aniline	6.581	93	889628	42.302	ng	# 96
8) 2-Chlorophenol	6.698	128	603008	42.700	ng	80
9) Benzaldehyde	6.469	77	461681	36.744	ng	93
10) Phenol	6.557	94	809483	43.174	ng	96
11) bis(2-Chloroethyl)ether	6.651	93	626880	42.453	ng	87
12) 1,3-Dichlorobenzene	6.857	146	665954	40.695	ng	98
13) 1,4-Dichlorobenzene	6.934	146	681499	41.795	ng	98
14) 1,2-Dichlorobenzene	7.086	146	656382	42.787	ng	98
15) Benzyl Alcohol	7.057	79	557434	40.438	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.186	45	1184263	39.991	ng	96
17) 2-Methylphenol	7.163	107	515261	43.434	ng	95
18) Hexachloroethane	7.428	117	244813	42.875	ng	# 84
19) n-Nitroso-di-n-propyla...	7.328	70	449848	41.773	ng	# 76
20) 3+4-Methylphenols	7.316	107	595402	39.983	ng	89
22) Acetophenone	7.328	105	847396	41.068	ng	# 96
24) Nitrobenzene	7.498	77	699782	40.326	ng	89
25) Isophorone	7.739	82	1248569	40.641	ng	# 90
26) 2-Nitrophenol	7.816	139	329739	47.588	ng	# 85
27) 2,4-Dimethylphenol	7.845	122	567929	46.818	ng	90
28) bis(2-Chloroethoxy)met...	7.945	93	764808	44.961	ng	# 96
29) 2,4-Dichlorophenol	8.057	162	520727	42.092	ng	97
30) 1,2,4-Trichlorobenzene	8.139	180	559629	41.484	ng	94
31) Naphthalene	8.222	128	1637761	39.886	ng	99
32) Benzoic acid	7.969	122	354069	43.005	ng	85
33) 4-Chloroaniline	8.269	127	571598	35.312	ng	# 93
34) Hexachlorobutadiene	8.333	225	361602	42.037	ng	99
35) Caprolactam	8.639	113	168948m	52.725	ng	
36) 4-Chloro-3-methylphenol	8.745	107	562536	44.542	ng	91
37) 2-Methylnaphthalene	8.910	142	1132790	41.749	ng	99
38) 1-Methylnaphthalene	9.010	142	1049155	41.407	ng	95
40) 1,2,4,5-Tetrachloroben...	9.075	216	568472	40.824	ng	98
41) Hexachlorocyclopentadiene	9.063	237	650258	88.882	ng	99
43) 2,4,6-Trichlorophenol	9.186	196	409855	41.801	ng	98

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF083021\
Data File : BF125261.D
Acq On : 30 Aug 2021 14:11
Operator : JU/CG
Sample : PB138793BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB138793BS

Manual Integrations APPROVED
mohammad
8/31/2021 11:30:20 AM

Quant Time: Aug 30 14:41:40 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF081821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 24 12:39:21 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.227	196	433326	42.008	ng		91
46) 1,1'-Biphenyl	9.375	154	1327649	38.638	ng		98
47) 2-Chloronaphthalene	9.398	162	1101407	39.444	ng		98
48) 2-Nitroaniline	9.498	65	403767	46.648	ng		88
49) Acenaphthylene	9.816	152	1656684	40.715	ng		98
50) Dimethylphthalate	9.675	163	1293645	43.799	ng		97
51) 2,6-Dinitrotoluene	9.739	165	287007	44.814	ng		97
52) Acenaphthene	9.986	154	976305	38.705	ng		98
53) 3-Nitroaniline	9.904	138	258159	37.379	ng	#	77
54) 2,4-Dinitrophenol	10.016	184	293177	115.891	ng	#	80
55) Dibenzofuran	10.163	168	1433048	39.476	ng		96
56) 4-Nitrophenol	10.069	139	486781	89.003	ng	#	76
57) 2,4-Dinitrotoluene	10.145	165	389371	50.233	ng	#	91
58) Fluorene	10.504	166	1131752	42.169	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.274	232	350514	45.788	ng	#	84
60) Diethylphthalate	10.374	149	1268895	44.068	ng		97
61) 4-Chlorophenyl-phenyle...	10.492	204	593117	43.709	ng	#	88
62) 4-Nitroaniline	10.527	138	309440	49.824	ng	#	81
63) Azobenzene	10.651	77	1294292	40.074	ng		92
65) 4,6-Dinitro-2-methylph...	10.551	198	200826	47.955	ng		82
66) n-Nitrosodiphenylamine	10.616	169	1103239	38.940	ng		97
67) 4-Bromophenyl-phenylether	10.986	248	404278	42.549	ng	#	88
68) Hexachlorobenzene	11.051	284	435437	44.548	ng	#	83
69) Atrazine	11.139	200	387378	47.648	ng		92
70) Pentachlorophenol	11.245	266	483497	84.715	ng		92
71) Phenanthrene	11.469	178	1718952	39.427	ng		96
72) Anthracene	11.521	178	1773822	41.278	ng		98
73) Carbazole	11.674	167	1537318	39.148	ng		99
74) Di-n-butylphthalate	11.998	149	1982071	42.533	ng		99
75) Fluoranthene	12.657	202	1835091	42.420	ng		97
77) Benzidine	12.774	184	1126403	63.136	ng		97
78) Pyrene	12.886	202	1850321	42.226	ng		96
80) Butylbenzylphthalate	13.498	149	790925	45.935	ng		90
81) Benzo(a)anthracene	14.074	228	1507170	40.948	ng		99
82) 3,3'-Dichlorobenzidine	14.033	252	452376	39.650	ng	#	99
83) Chrysene	14.110	228	1462602	40.182	ng		97
84) Bis(2-ethylhexyl)phtha...	14.051	149	1094471	46.248	ng		100
85) Di-n-octyl phthalate	14.668	149	1697409	43.125	ng		98
87) Indeno(1,2,3-cd)pyrene	17.103	276	1385511	46.635	ng	#	90
88) Benzo(b)fluoranthene	15.139	252	1388292	46.079	ng	#	94
89) Benzo(k)fluoranthene	15.174	252	1176693	41.854	ng		98
90) Benzo(a)pyrene	15.521	252	1215122	45.658	ng	#	96
91) Dibenzo(a,h)anthracene	17.121	278	1158775	45.122	ng	#	94
92) Benzo(g,h,i)perylene	17.562	276	1205382	48.679	ng	#	88

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF083021\
Data File : BF125261.D
Acq On : 30 Aug 2021 14:11
Operator : JU/CG
Sample : PB138793BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Aug 30 14:41:40 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF081821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 24 12:39:21 2021
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
PB138793BS

Manual Integrations APPROVED
mohammad
8/31/2021 11:30:20 AM